

**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING

FORM 3

**APPLICATION FOR PERMIT TO DRILL**

<b>1A. TYPE OF WORK:</b> DRILL <input checked="" type="checkbox"/> REENTER <input type="checkbox"/> DEEPEN <input type="checkbox"/>		<b>5. MINERAL LEASE NO:</b> <b>FEE</b>	<b>6. SURFACE:</b> <b>FEE</b>
<b>B. TYPE OF WELL</b> <input type="checkbox"/> OIL <input checked="" type="checkbox"/> GAS OTHER _____ <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE		<b>7. IF INDIAN, ALLOTTEE OR TRIBE NAME</b> <b>N/A</b>	
<b>2. NAME OF OPERATOR:</b> <b>SHENANDOAH ENERGY, INC.</b>		<b>8. UNIT OF CA AGREEMENT NAME:</b> <b>N/A</b>	
<b>3. ADDRESS OF OPERATOR:</b> <b>11002 E 17500 S CITY VERNAL STATE UT ZIP 84078</b>		<b>9. WELL NAME and NUMBER:</b> <b>GB 7W-25-8-21</b>	
<b>4. LOCATION OF WELL (FOOTAGES)</b> AT SURFACE: <b>SWNE 1980' FNL, 1980' FEL,</b> AT PROPOSED PRODUCING ZONE: <b>4439321 N</b> <b>627948 E</b>		<b>10. FIELD AND POOL, OR WILDCAT:</b> <b>NATURAL BUTTES</b>	
<b>14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE:</b> <b>15 MILES SOUTHWEST OF REDWASH, UTAH</b>		<b>11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> <b>SWNE 25 8S 21E, SLBM</b>	
<b>16. DISTANCE TO NEAREST PROPERTY OR LEASE LINE(FEET)</b> <b>1980' +/-</b>		<b>12. COUNTY:</b> <b>UINTAH</b>	
<b>18. DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET)</b> <b>2500' +/-</b>		<b>13. STATE:</b> <b>UTAH</b>	
<b>19. PROPOSED DEPTH</b> <b>7225'</b>		<b>17. NUMBER OF ACRES ASSIGNED TO THIS WELL:</b> <b>40</b>	
<b>21. ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.):</b> <b>4736' GR</b>		<b>20. BOND DESCRIPTION:</b> <b>U-89-75-80-10</b>	
<b>22. APPROXIMATE DATE WORK WILL START:</b>		<b>23. ESTIMATED DURATION:</b> <b>10 DAYS</b>	

24 PROPOSED CASING AND CEMENTING PROGRAM					
SIZE OF HOLE	CASING SIZE, GRADE, AND WEIGHT PER FOOT			SETTING DEPTH	CEMENT TYPE, QUANTITY, YIELD, AND SLURRY WEIGHT
12 1/4"	9 5/8"	K-55	36 lb/ft (new)	450'	Premium Plus single slurry mixed to 15.6 ppg, yield = 1.18 cf/sx
7 7/8"	4 1/2"	J-55	11.6 lb/ft (new)	7225'	Tail/Extended class G + gilsonite and additives as required, mixed to 14.35 ppg, yield = 1.25 cf/sx. Fill to 300 above top of Lower Wasatch Lead/Extended, Lite, Hi-fill + extender mixed to 11.0 ppg, yield = 3.81 cf/sx

<b>25 ATTACHMENTS</b>	
VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERATION GENERAL RULES:	
<input type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER <input type="checkbox"/> EVIDENCE OF DIVISION OF WATER RIGHTS APPROVAL FOR USE OF WATER	<input type="checkbox"/> COMPLETE DRILLING PLAN <input type="checkbox"/> FORM 5, IF OPERATOR IS PERSON OR COMPANY OTHER THAN THE LEASE OW
<b>DIVISION OF OIL, GAS AND MINING</b>	
<b>NAME (PLEASE PRINT)</b> <u>JOHN BUSCH</u> <b>TITLE</b> <u>CONSTRUCTION SUPERVISOR</u>	
<b>SIGNATURE</b> <u>John Busch</u> <b>DATE</b> <u>JAN 10-02</u>	

(This space for State use only)

**API NUMBER ASSIGNED:** 43-047-34122 **APPROVAL:** \_\_\_\_\_

(11/2001)

(See Instruction on Reverse Side)

**Approved by the**  
**Utah Division of**  
**Oil, Gas and Mining**

**Date:** 02-21-02

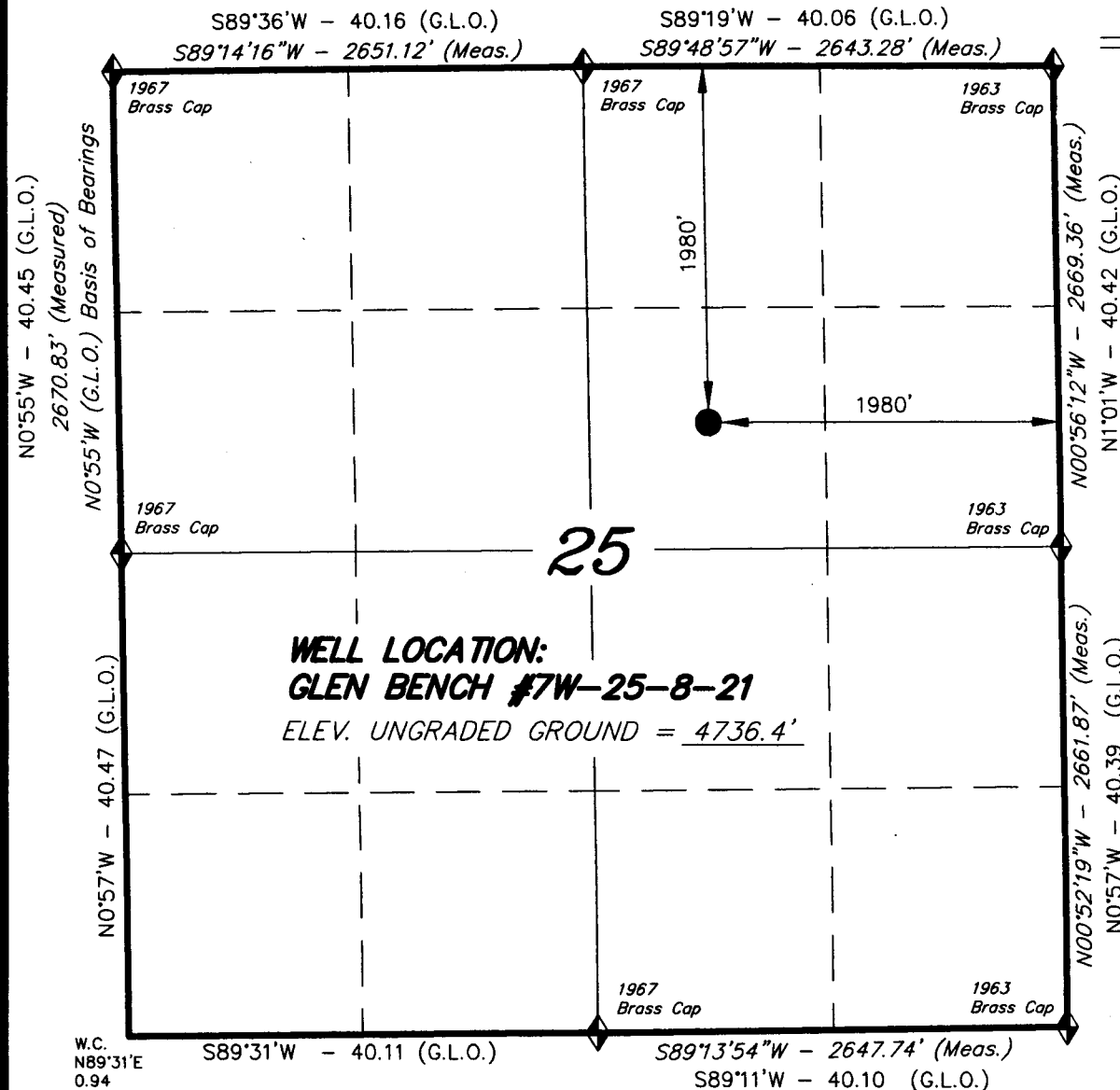
**By:** [Signature]

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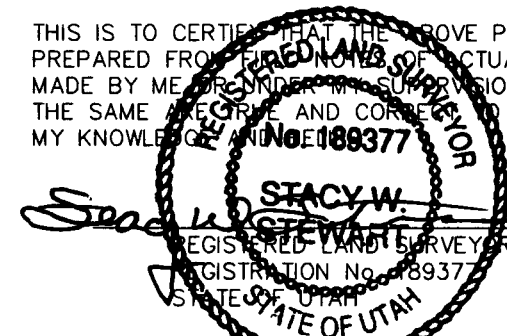
# T8S, R21E, S.L.B.&M.

**SHENANDOAH ENERGY, INC.**

WELL LOCATION, GLEN BENCH  
#7W-25-8-21, LOCATED AS SHOWN IN  
THE SW 1/4 NE 1/4 OF SECTION 25,  
T8S, R21E, S.L.B.&M. UTAH COUNTY,  
UTAH.



THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS  
PREPARED FROM THE RECORDS OF ACTUAL SURVEYS  
MADE BY ME OR UNDER MY SUPERVISION AND THAT  
THE SAME ARE TRUE AND CORRECT TO THE BEST OF  
MY KNOWLEDGE AND BELIEF.



REVISED: 6-7-01 (Name Change)

**TRI STATE LAND SURVEYING & CONSULTING**  
38 WEST 100 NORTH - VERNAL, UTAH 84078  
(435) 781-2501

SCALE: 1" = 1000'	SURVEYED BY: C.D.S.
DATE: 1-18-01	WEATHER: COLD
DRAWN BY: J.R.S.	FILE #

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= SECTION CORNERS LOCATED

BASIS OF ELEV; U.S.G.S. 7-1/2 min QUAD (OURAY SE)

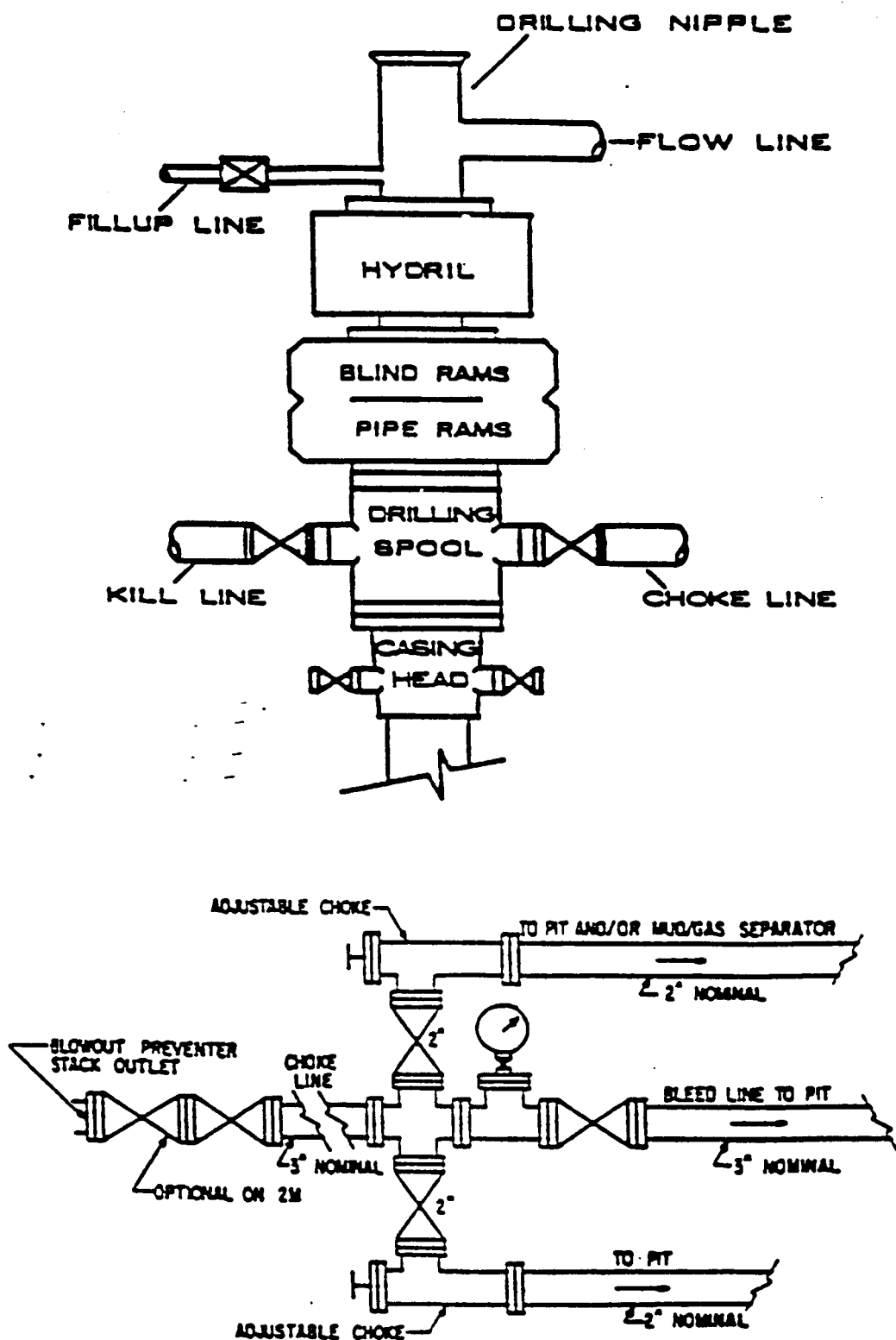
**GLEN BENCH #7W-25-8-21**

LATITUDE = 40° 05' 47.14"

LONGITUDE = 109° 29' 58.39"

# Drilling Program

## SCHEMATIC DIAGRAM OF 3,000 PSI BOP STACK



## DRILLING PROGRAM

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas No. 1, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

### 1. Formation Tops

The estimated tops of important geologic markers are as follows:

<u>Formation</u>	<u>Depth</u>	<u>Prod. Phase Anticipated</u>
Uinta	Surface	
Green River	2380'	
Mahogany Ledge	3150'	
Wasatch	5525'	
TD (Wasatch)	7225'	

### 2. Anticipated Depths of Oil Gas Water and Other Mineral Bearing Zones

The estimated depths at which the top and bottom of the anticipated water, oil, gas, or other mineral bearing formations are expected to be encountered are as follows:

<u>Substance</u>	<u>Formation</u>	<u>Depth</u>
Oil/Gas	Wasatch	7225'

All fresh water and prospectively valuable minerals encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

All water shows and water-bearing sands will be reported to the State of Utah form OGC-8-X is acceptable. If no flows are detected, samples will be submitted to the BLM along with any water analyses conducted. Fresh water will be obtained from Wonsits Valley water right #36125 or where possible a fresh water line (poly pipe) will be laid in the access road to each location to supply fresh water for drilling purposes.

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## DRILLING PROGRAM

3. Surface Ownership

The well pad and access road are located on lands owned by **Kay E. Anderson**, Stephen Jensen, Roger Jensen, Max Jensen, Denise J. Tugaw.

4. Operator's Specification for Pressure Control Equipment:

- A. 3,000 psi W.P. Double Gate BOP or Single Gate BOP (schematic attached)
- B. Functional test daily
- C. All casing strings shall be pressure tested (0.2 psi/foot or 1500 psi, whichever is greater) prior to drilling the plug after cementing; test pressure shall not exceed the internal yield pressure of the casing.
- D. Ram type preventers and associated equipment shall be tested to approved stack working pressure if isolated by test plug or to 70 percent of internal yield pressure of casing whichever is less. Tests shall be done at the time of installation, prior to drilling out and weekly. All tests shall be for a period of 15 minutes

5. Casing Program

	<u>Depth</u>	<u>Hole Size</u>	<u>Csg Size</u>	<u>Type</u>	<u>Weight</u>
Surface	450'	12-1/4"	9-5/8"	K-55	36lb/ft (new)
Production	7225'	7-7/8"	4-1/2"	J-55	11.6lb/ft (new)

6. Auxiliary Equipment

- A. Kelly Cock – yes
- B. Float at the bit – no
- C. Monitoring equipment on the mud system – visually
- D. Full opening safety valve on the rig floor – yes
- E. Rotating Head – yes
- F. The blooie line shall be at least 6" in diameter and extend at least 100' from the well bore into the reserve/blooie pit.

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## DRILLING PROGRAM

- G. Blooie line ignition shall be provided by a continuous pilot (ignited when drilling below 500').
  - H. Compressor shall be tied directly to the blooie line through a manifold.
  - I. A mister with a continuous stream of water shall be installed near the end of the blooie lines for dust suppression.
7. Surface hole will be drilled with air, air/mist, foam, or mud depending on hole conditions. Drilling below surface casing will be with water based drilling fluids consisting primarily of fresh water, bentonite, lignite, caustic, lime, soda ash and polymers. No chromates will be used. It is not intended to use oil in the mud, however, in the event it is used, oil concentration will be less than 4% by volume. Maximum anticipated mud weight is 9.5 ppg.

No minimum quantity of weight material will be required to be kept on location.

PVT/Flow Show will be used from base of surface casing to TD.

Gas detector will be used from surface casing depth to TD.

### 8. Testing, logging and coring program

- A. Cores – none anticipated
- B. DST – none anticipated

Logging – Mud logging – 4500 to TD  
GR-SP-Induction  
Neutron Density  
MRI

- C. Formation and Completion Interval: Wasatch interval, final determination of completion will be made by analysis of logs.  
Stimulation – Stimulation will be designed for the particular area of interest as encountered.

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## DRILLING PROGRAM

### 9. Cementing Program

<u>Casing</u>	<u>Volume</u>	<u>Type &amp; Additives</u>
Surface	257 sx	Premium Plus single slurry mixed to 15.6 ppg, yield = 1.18 cf/sx. Fill to surface with 160 cf (257 sx) calculated. Tail plug used. Allowed to set under pressure
Production	757 sx* Lead 90 sx* Tail	Lead/Tail oilfield type cement circulated in place . Tail slurry: Extended Class "G" + gilsonite and additives as required, mixed to 14.35 ppg, yield = 1.25 cf/sx. Fill to 6355' ( $\pm 300'$ above top of Lower Wasatch). Cement Characteristics: Lead slurry: Extended, Lite, Hi-fill + extender and additives as required, mixed to 11.0 ppg, yield = 3.81 cf/sx. Fill to surface. Tail plug used. Allowed to set under pressure.

\*Final cement volumes to be calculated from caliper log with an attempt to be made to circulate cement to the surface. A bond log will be run across the zone of interest and across zones as required by the authorized officer to insure protection of natural resources.

### 10. Anticipated Abnormal Pressures and Temperatures, Other Potential Hazards

No abnormal temperatures or pressures are anticipated. No H<sub>2</sub>S has been encountered in or known to exist from previous wells drilled to similar depths in the general area. Maximum anticipated bottom hole pressure equals approximately 2890.0 psi. Maximum anticipated bottom hole temperature is 140° F.

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**Lessee's or Operator's Representative:**

John Busch  
Red Wash Operations Rep.  
Shenandoah Energy Inc.  
11002 East 17500 South  
Vernal, Utah 84078  
(435) 781-4341

**Certification:**

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil & Gas Orders, the approved plan of operations, and any applicable Notice to Lessees.

Shenandoah Energy Inc. will be fully responsible for the actions of their subcontractors.

A complete copy of the approved Application for Permit to Drill will be furnished to the field representative(s) to ensure compliance and shall be on location during all construction and drilling operations.

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by Shenandoah Energy Inc. its' contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

John Busch

John Busch  
Red Wash Operations Representative

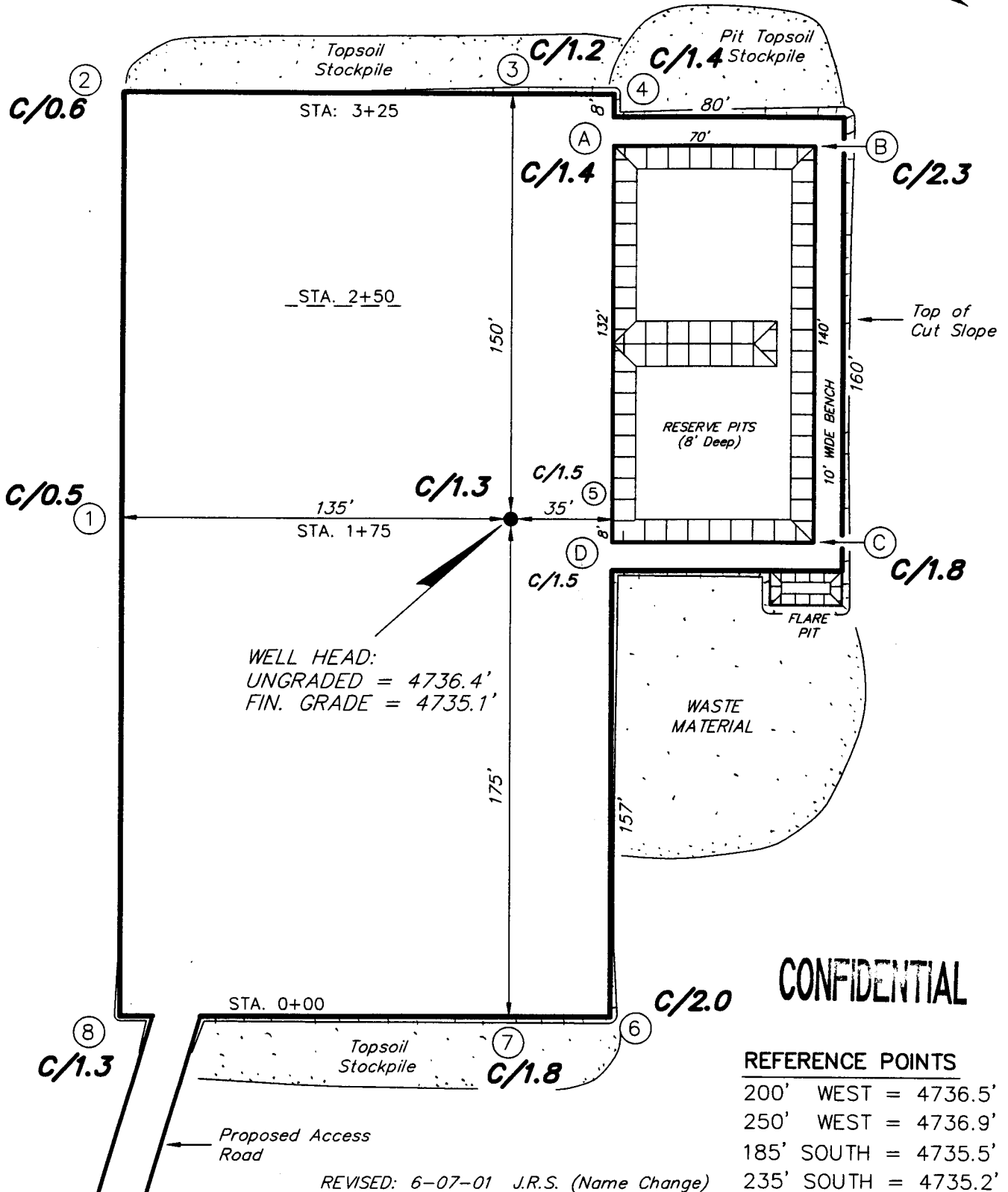
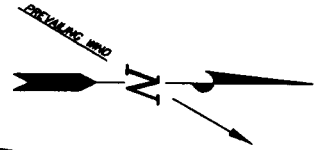
January 11, 2002

Date

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# SHENANDOAH ENERGY, INC.

GLEN BENCH #7W-25-8-21  
SEC. 25, T8S, R21E, S.L.B.&M.



## REFERENCE POINTS

200' WEST = 4736.5'  
250' WEST = 4736.9'  
185' SOUTH = 4735.5'  
235' SOUTH = 4735.2'

REVISED: 6-07-01 J.R.S. (Name Change)

SURVEYED BY: C.D.S.

SCALE: 1" = 50'

DRAWN BY: J.R.S.

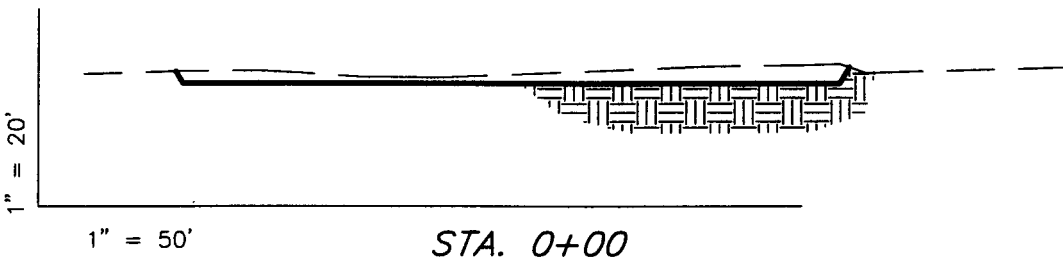
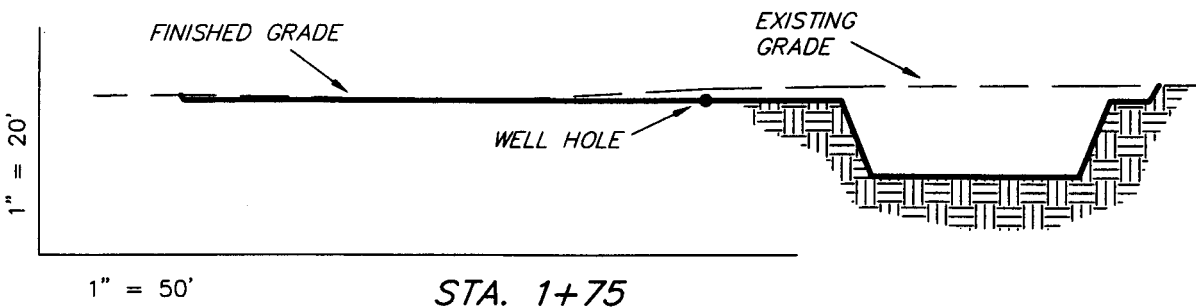
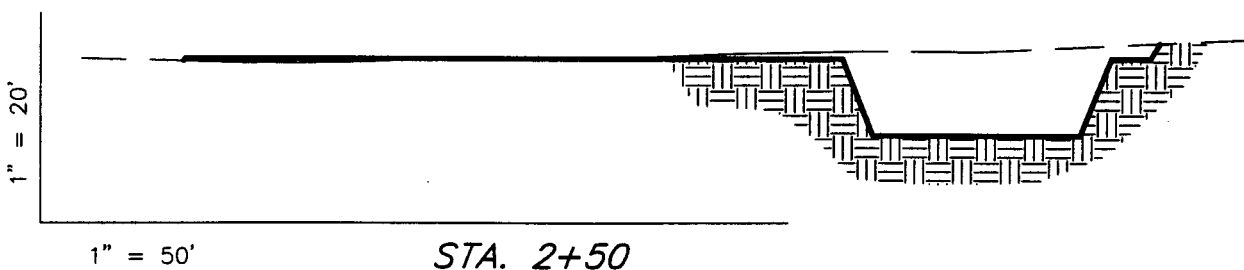
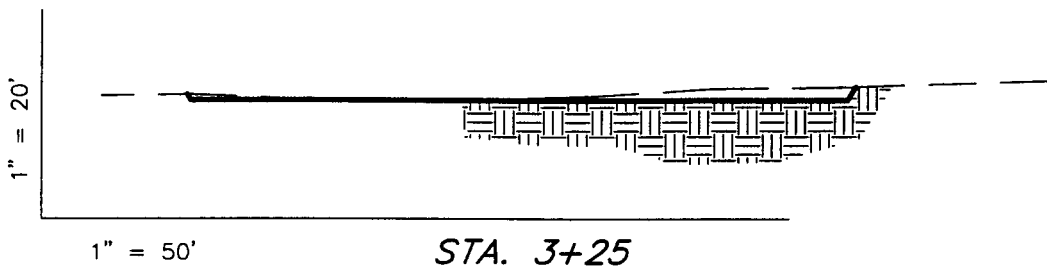
DATE: 1-18-01

Tri State  
Land Surveying, Inc.

(435) 781-2501

38 WEST 100 NORTH VERNAL, UTAH 84078

**SHENANDOAH ENERGY, INC.**  
**CROSS SECTIONS**  
**GLEN BENCH #7W-25-8-21**




**APPROXIMATE YARDAGES**

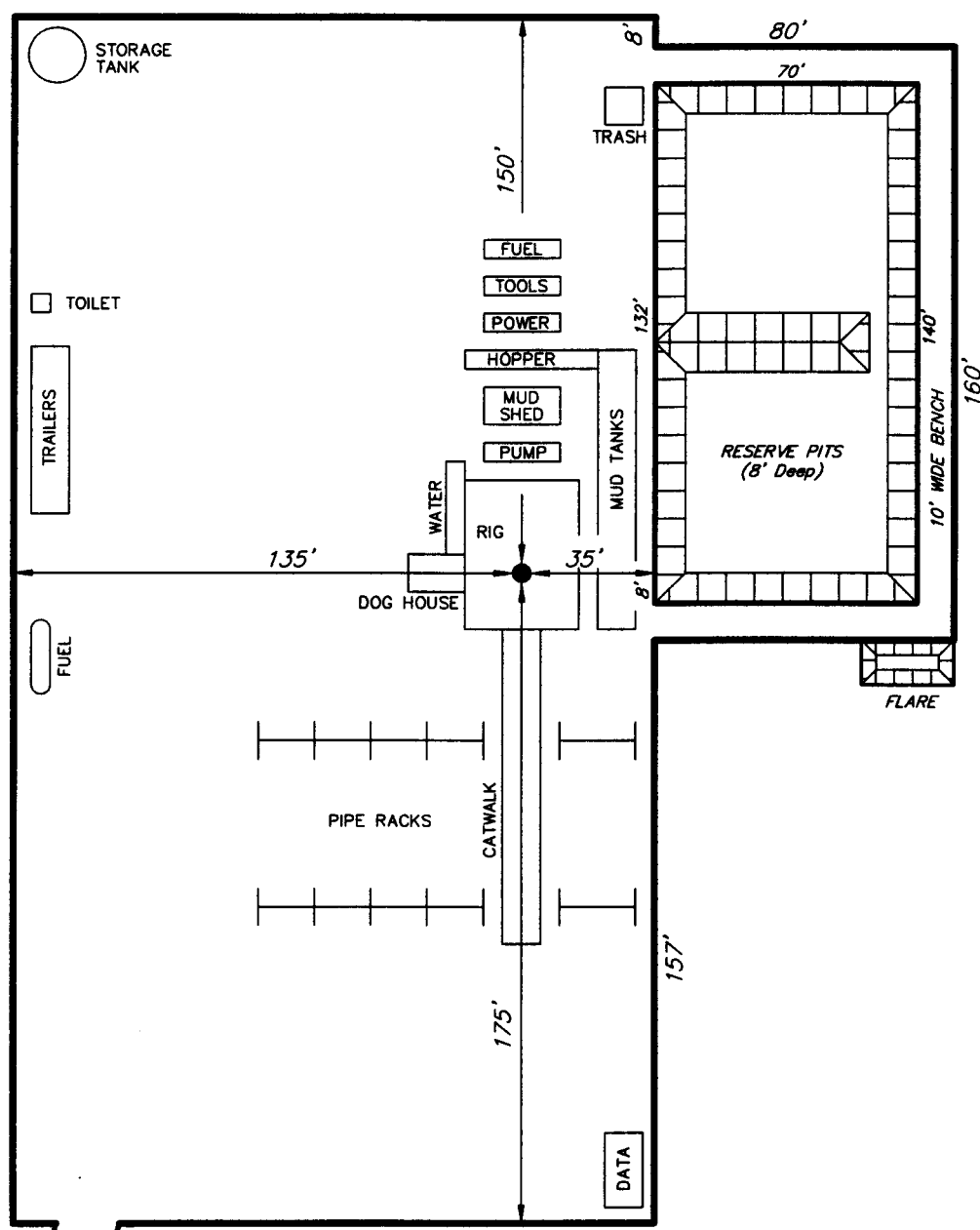
CUT = 600 Cu. Yds.  
 FILL = 600 Cu. Yds.  
 PIT = 2,370 Cu. Yds.  
 6" TOPSOIL = 1,260 Cu. Yds.

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REVISED: 6-07-01 J.R.S. (Name Change)

SURVEYED BY: C.D.S.	SCALE: 1" = 50'	 <b>Tri State</b> Land Surveying, Inc. 38 WEST 100 NORTH VERNAL, UTAH 84078	(435) 781-2501
DRAWN BY: J.R.S.	DATE: 1-18-01		

**SHENANDOAH ENERGY, INC.**  
**TYPICAL RIG LAYOUT**  
**GLEN BENCH #7W-25-8-21**



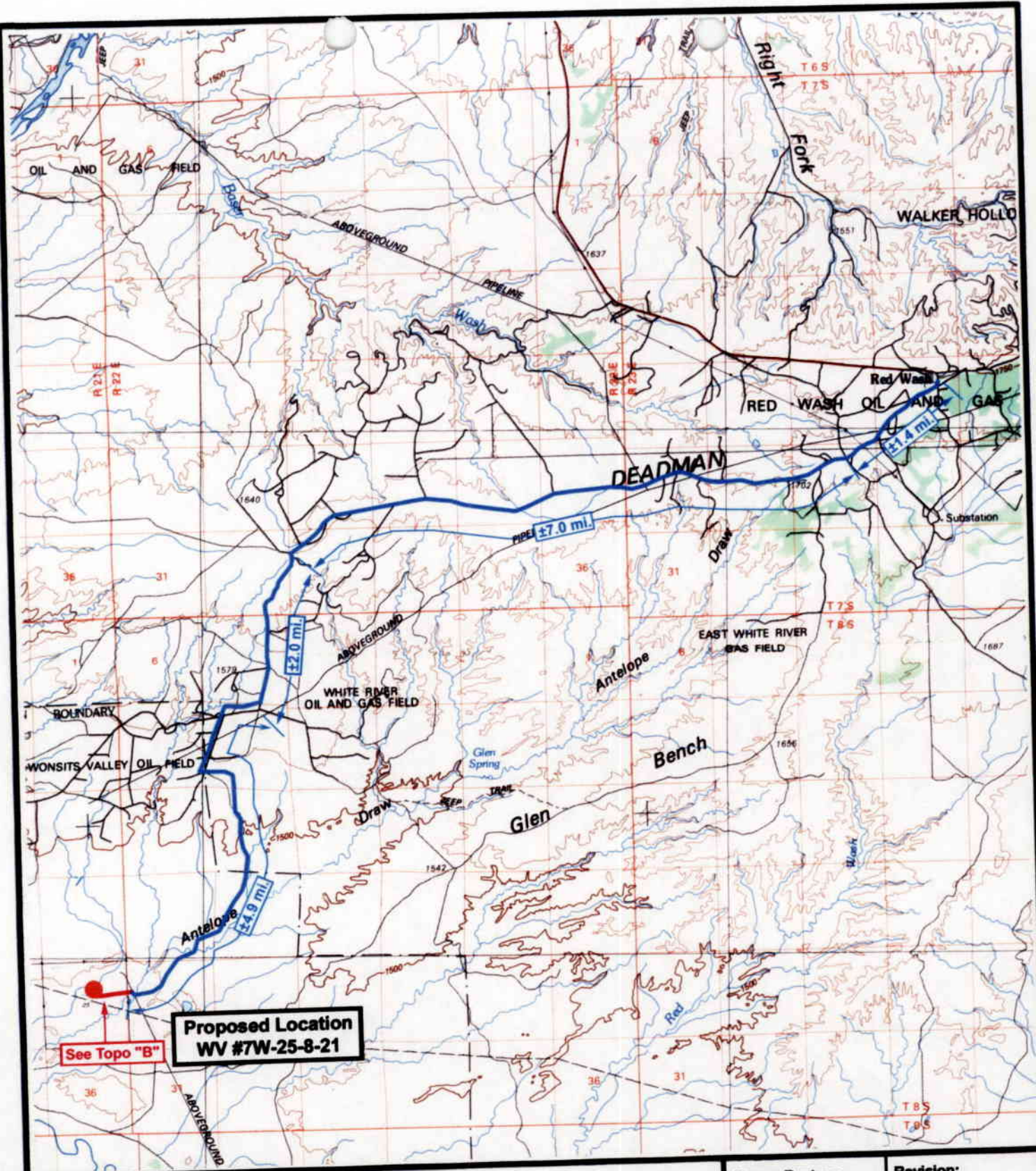
**CONFIDENTIAL**

REVISED: 6-07-01 J.R.S. (Name Change)

SURVEYED BY: C.D.S.	SCALE: 1" = 50'
DRAWN BY: J.R.S.	DATE: 1-18-01

**Tri State**  
**Land Surveying, Inc.**  
 38 WEST 100 NORTH VERNAL, UTAH 84078

(435) 781-2501



# **SHENANDOAH ENERGY INC.**

GLEN BENCH #7W-25-8-21  
SEC. 25, T8S, R21E, S.L.B.&M.

**TOPOGRAPHIC MAP "A"**



Drawn By: bgm

Revision:

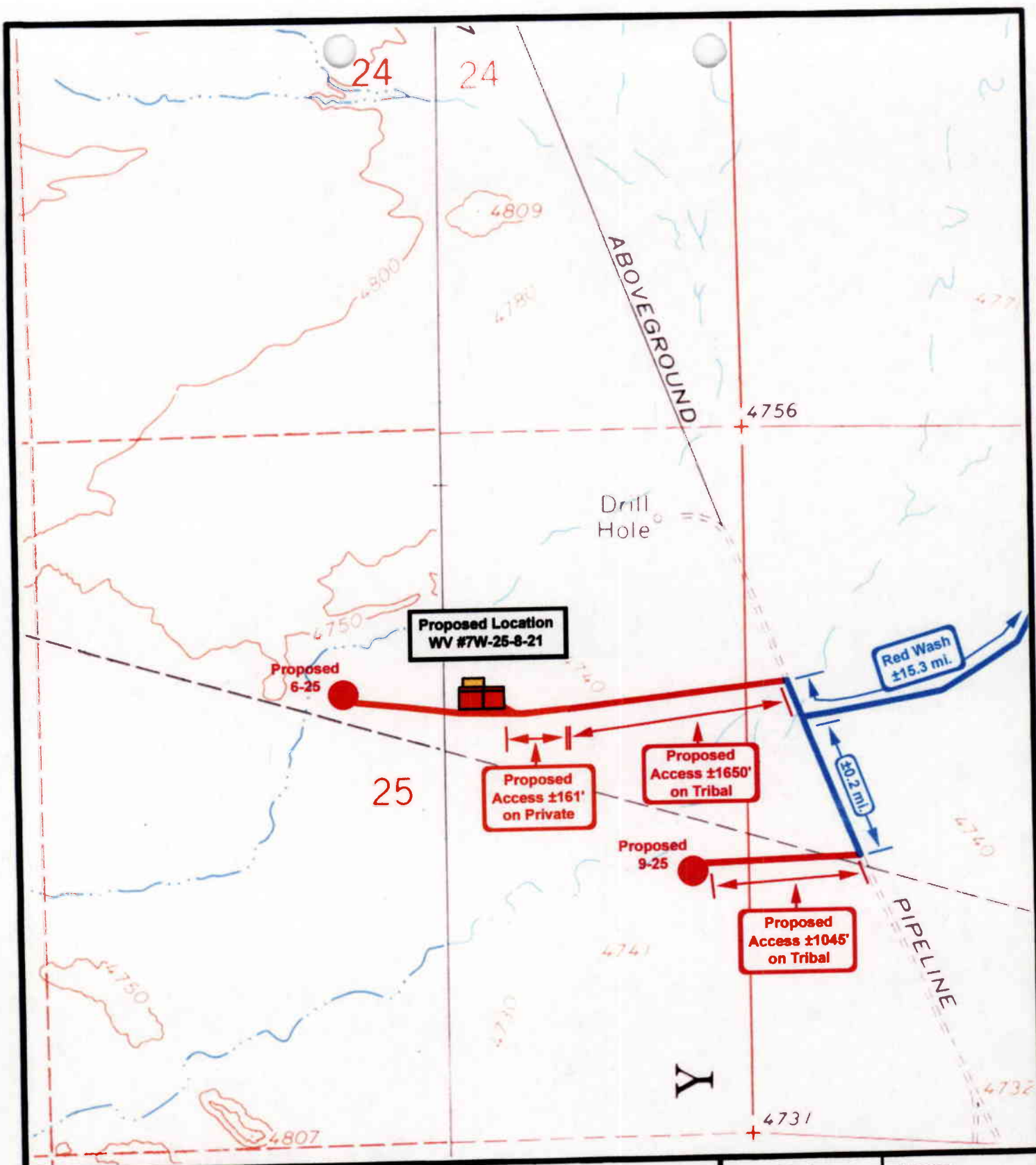
Scale: 1 : 100,000

File:

Date: 01-23-2001

**Tri-State Land Surveying Inc.**  
P.O. Box 533, Vernal, UT 84078  
435-781-2501 Fax 435-781-2518

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# **SHENANDOAH ENERGY INC.**

**GLEN BENCH #7W-25-8-21  
SEC. 25, T8S, R21E, S.L.B.&M.**

**TOPOGRAPHIC MAP "B"**



Drawn By: bgm

Revision:

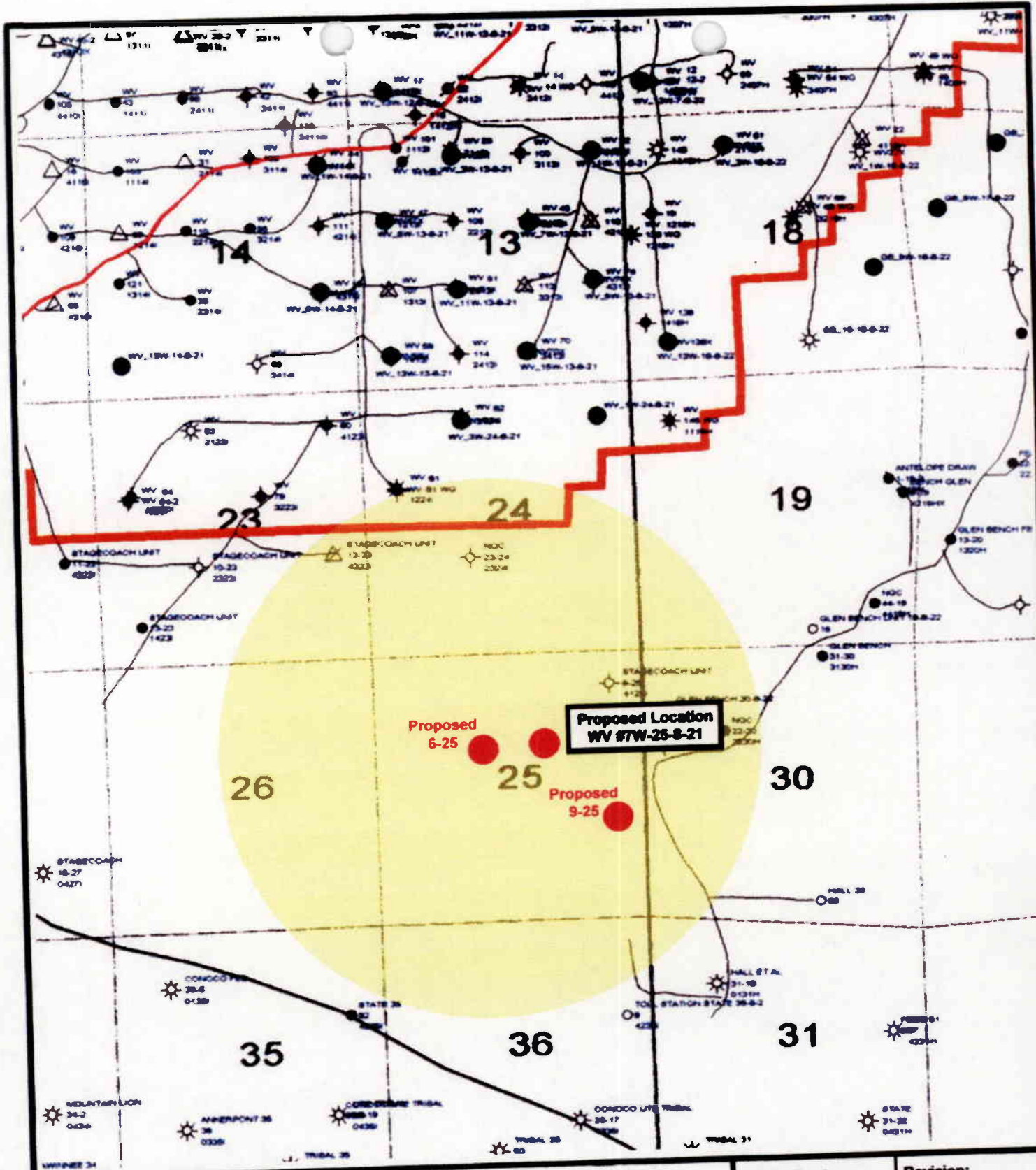
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File:

Date: 01-23-2001

**Tri-State Land Surveying Inc.**  
**P.O. Box 533, Vernal, UT 84078**  
**435-781-2501 Fax 435-781-2518**

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**SHENANDOAH ENERGY INC.**

**GLEN BENCH #7W-25-8-21  
SEC. 25, T8S, R21E, S.L.B.&M.**

**TOPOGRAPHIC MAP "C"**

Drawn By: bgm

Revision:

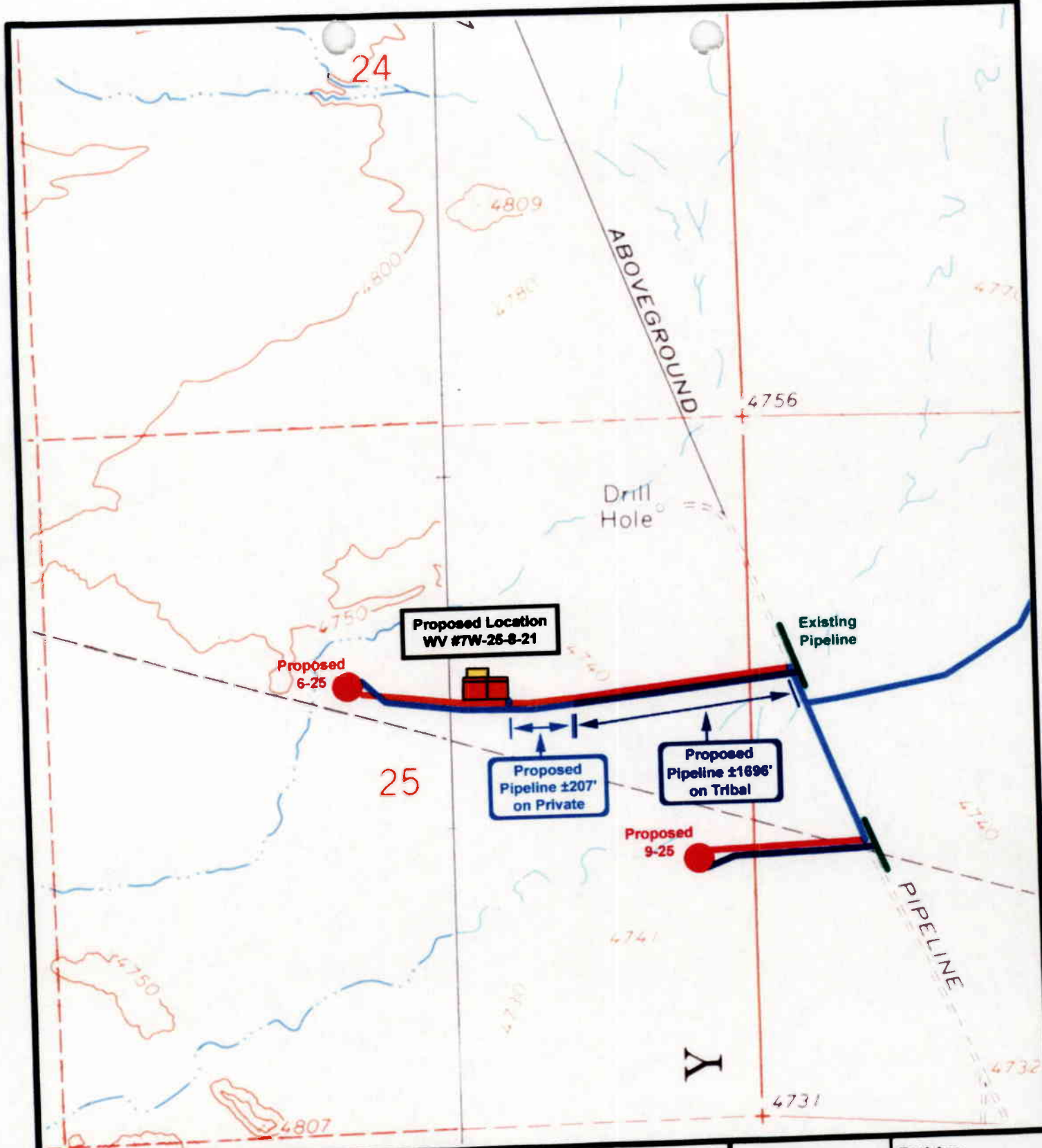
Scale:

File:

Date: 01-23-2001

**Tri-State Land Surveying Inc.**  
P.O. Box 533, Vernal, UT 84078  
435-781-2501 Fax 435-781-2518

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# **SHENANDOAH ENERGY INC.**

**GLEN BENCH #7W-25-8-21  
SEC. 25, T8S, R21E, S.L.B.&M.**

**TOPOGRAPHIC MAP "D"**



Drawn By: bgm

Revision:

Scale: 1" : 1000'

File:

Date: 01-23-2001

**Tri-State Land Surveying Inc.**  
**P.O. Box 533, Vernal, UT 84078**  
**435-781-2501 Fax 435-781-2518**

**CONFIDENTIAL**

## GRANT OF CORRIDOR RIGHT OF WAY AND SURFACE USE

KNOW ALL MEN BY THESE PRESENTS, that for and in consideration of Ten and more dollars (\$10.00 & more) and other valuable consideration, the receipt and sufficiency of which is hereby acknowledged,

Kay E Anderson  
683 W 925 S  
Orem, 84058-6784

(Grantor)

hereby grants and conveys unto,

SHENANDOAH ENERGY INC., its successors and assigns (Grantee)  
475 17<sup>th</sup> Street, Suite 1000  
Denver, Colorado 80202

a Corridor Right of Way (ROW), the right to use existing roads, to construct, maintain, inspect, operate, protect, repair, replace and remove pipelines, roads, well pads, utilities, and appurtenances over and upon the property belonging to the Grantor and described as being in the State of Utah, County of Uintah,

Township 8 South - Range 21 East - Salt Lake Meridian

Section 25: SW/4 NE/4, SE/4 NW/4

The Corridor ROW surface use is shown in EXHIBIT A, attached hereto and by this reference made a part hereof, and comprises a total of 5.445 acres, more or less.

Grantee shall have all rights and benefits necessary and convenient for the enjoyment and use of the rights herein granted, including, but not limited to, the right of ingress and egress across said land and the right, from time to time, to clear and remove any obstructions that may injure, endanger, or interfere with the operations of the Grantee. To have and to hold unto Grantee for so long as Grantee shall be conducting operations on said land or on any adjacent lands.

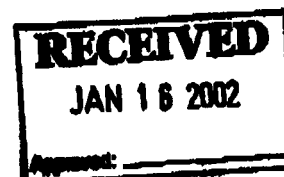
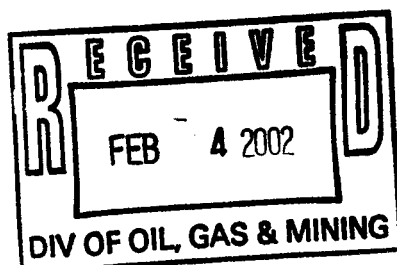
Grantor hereby binds itself to defend all and singular premises herein described against every person whomsoever may lawfully make claim thereto, until such time as this conveyance terminates.

Pursuant to the terms of this agreement, the rights granted by Grantor to Grantee are restricted to the use by Grantee, its employees, officers, agents, servants, contractors, subcontractors, associates and assigns. Grantee agrees to hold Grantor harmless from any liability which may result to the Grantee, from the use of the rights herein granted.

Grantee agrees to pay for any damages, to said lands, which may result from the use of the rights herein granted. Grantee shall indemnify and hold Grantor harmless against the demands, claims, petitions and actions, which may be made or asserted against Grantor for the loss or injury to persons or property by reason of the exercise by Grantee of its rights hereunder pursuant to and in conformity with the laws of the State of Utah.

Grantee does hereby accept the forgoing grant and assumes and agrees to comply with all the terms, stipulations, covenants and conditions herein recited.

FCROW16



## GRANT OF CORRIDORE ROW AND SURFACE USE

All of the provisions of this grant shall inure to the benefit of and be binding upon the parties hereto, their heirs, administrators, successors and assigns.

Agreed and accepted this 15<sup>th</sup> day of January, 2002.

Grantor:

Kay E Anderson  
Kay E Anderson

Agreed and accepted this 15<sup>th</sup> day of January, 2002.

Grantee

Shenandoah Energy Inc.

By:

Fred Payne  
Fred Payne, Agent

STATE OF UTAH

COUNTY OF UTAH  
~~SALT LAKE~~

ss

On the 15<sup>th</sup> day of January, 2002, Kay E Anderson, personally appeared before me and duly sworn did signature this instrument.

Erin Davis  
Notary Public

My commission expires 11-18-2002 Residing in 1175 S. State Street UT

STATE OF UTAH

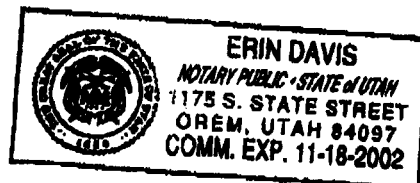
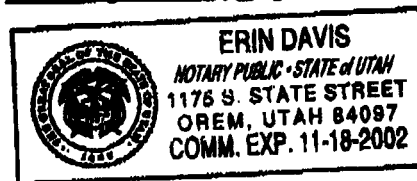
COUNTY OF UTAH  
~~SALT LAKE~~

ss

On the 15<sup>th</sup> day of Jan, 2002 Fred Payne, Agent for Shenandoah Energy Inc., personally appeared before me and duly sworn did signature this instrument.

Erin Davis  
Notary Public

My commission expires 11-18-2002 Residing in 1175 S. State Street UT



Grant of  
Corridor Right Of Way and Surface Use

**EXHIBIT A**

**RIGHT OF WAY DESCRIPTION**

Located in: Utah County, Utah

Township 8 South – Range 21 East S.L.M.

Section 25: SW/4 NE/4, SE/4 NW/4

A Corridor Right-Of-Way well pad that is 282.68 feet wide and 496.89 feet in length, more or less, and situated as follows.

Beginning at a point in the SW/4 NE/4 of Section 25 which bears N72°20'51"W 1753.44' from the east ¼ corner of Section 25; thence N89°35'07"W 496.89'; thence N00°01'01"W 282.68'; thence N89°58'59"E 375.00'; thence S 00°01'01"E 124.05'; thence S36°54'33"E 203.02' to the point of beginning. Basis of bearings is the west line of the NW/4 of Section 25 which is taken from G.L.O. information to bear N 0°55'W.

LESS the following described tract:

Beginning at a point in the SW/4 NE/4 of Section 25 which bears N72°10'51"W 1753.44' from the east ¼ corner of Section 25; thence N53°05'27"W 140.51' to the point of beginning; thence W89°05'00"S 412.5'; thence N00°01'01"W 49.52'; thence N89°05'00"E 375.11'; thence S36°54'33"E 62.51' to the point of beginning. Basis of bearings is the west line of the NW/4 of Section 25 which is taken from G.L.O. information to bear N 0°55'W.

This Corridor Right-Of-Way well pad comprises 2.203 acres, more or less.

AND

A Corridor Right-Of-Way well pad that is 300.00 feet wide and 375 feet in length, more or less, and situated as follows.

Beginning at a point in the SE/4 NW/4 of Section 25 which bears S06°08'22"W 2057.59' from the north ¼ corner of Section 25; thence S 00°00'47"W 52.06'; thence N89°59'13"W 375.00'; thence N00°00'47"E 300.00'; thence S89°59'13"E 375.00'; thence S 00°00'47"W 247.94' to the point of beginning. Basis of bearings is the west line of the NW/4 of Section 25, which is assumed from G.L.O. information to bear N 0°55'W.

LESS the following described tract:

Grant of  
Corridor Right Of Way and Surface Use

Beginning at a point in the SE/4 NW/4 of Section 25 which bears S06°28'28"W 1951.34' from the north ¼ corner of Section 25; thence S 00°00'47"W 49.51'; thence N89°59'13"W 375.00'; thence N00°00'47"E 49.51'; thence; S89°59'13"E 375.00'; thence S00°00'47"W 141.04 to the point of

beginning. Basis of bearings is the west line of the NW/4 of Section 25 which is taken from G.L.O. information to bear N 0°55'W.

This Corridor Right-Of-Way well pad comprises 2.123 acres, more or less.

AND

A Corridor Right-Of-Way 30 feet wide and 1508.05 feet in length, more or less, situated in the SE/4 NW/4 and in the SW/4 NE/4 of Section 25, the width of the corridor being 15 feet on each side of the following described centerline.

Beginning at a point in the SE/4 NW/4 of Section 25 which bears S06°28'28"W 1951.34' from the north ¼ corner of Section 25; thence S 00°00'47"W 106.90' to the point of beginning; thence easterly N83°08'25"W 771.19'; thence S89°59'32"W 325.03'; thence S83°08'28"W 432.78' to the east line of the SW/4 NE/4 of Section 25.

This Corridor Right-Of-Way comprises 1.053 acres, more or less.

The total Corridor Right-Of-Way here described comprises 5.4 acres, more or less.

Shenandoah Energy Inc.  
GB #7W-25-8-21

### DRILLING PROGRAM

3. Surface Ownership

The well pad and access road is located on lands owned by Kay E. Anderson, and a portion of the access road is location on lands owned by Stephen Jensen, Roger Jensen, Max Jensen, Denise J. Tugaw.

4. Operator's Specification for Pressure Control Equipment:

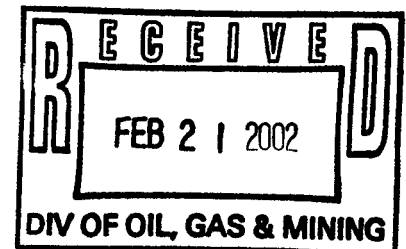
- A. 3,000 psi W.P. Double Gate BOP or Single Gate BOP (schematic attached)
- B. Functional test daily
- C. All casing strings shall be pressure tested (0.2 psi/foot or 1500 psi, whichever is greater) prior to drilling the plug after cementing; test pressure shall not exceed the internal yield pressure of the casing.
- D. Ram type preventers and associated equipment shall be tested to approved stack working pressure if isolated by test plug or to 70 percent of internal yield pressure of casing whichever is less. Tests shall be done at the time of installation, prior to drilling out and weekly. All tests shall be for a period of 15 minutes

5. Casing Program

	<u>Depth</u>	<u>Hole Size</u>	<u>Csg Size</u>	<u>Type</u>	<u>Weight</u>
Surface	450'	12-1/4"	9-5/8"	K-55	36lb/ft (new)
Production	7225'	7-7/8"	4-1/2"	J-55	11.6lb/ft (new)

6. Auxiliary Equipment

- A. Kelly Cock – yes
- B. Float at the bit – no
- C. Monitoring equipment on the mud system – visually
- D. Full opening safety valve on the rig floor – yes
- E. Rotating Head – yes



**UNITED STATES**  
**DEPARTMENT OF THE INTERIOR**  
**BUREAU OF LAND MANAGEMENT**

**APPLICATION FOR PERMIT TO DRILL OR DEEPEN**

**1a. TYPE OF WORK**

**DRILL** ☒ **DEEPEN** ☐

**b. TYPE OF WELL**

**OIL WELL** ☐ **GAS WELL** ☒ **OTHER** ☐ **SINGLE ZONE** ☒ **MULTIPLE ZONE** ☐

**2. NAME OF OPERATOR**

**Shenandoah Operating Company**

**3. ADDRESS AND TELEPHONE NO.** **Phone: 435-781-4341 11002 East 17500 South**  
**Fax: 435-781-4329 Vernal, Utah 84078**

**4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)**

**At surface**

**1980' FNL, 1980' FEL, SWNE**  
**At proposed prod. Zone**

*4439321 N  
627948 E*

**Same**

**14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\***

**15 miles Southwest of Redwash Utah**

**15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST**

**1980'±**

**PROPERTY OR LEASE LINE, FT.**  
**(Also to nearest drg. Unit line if any)**

**16. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR ON THIS LEASE, FT.**

**2500'±**

**16. NO. OF ACRES IN LEASE**

**1920**

**17. NO. OF ACRES ASSIGNED TO THIS WELL**

**40**

**19. PROPOSED DEPTH**

**7225'**

**20. ROTARY OR CABLE TOOLS**

**Rotary**

**21. ELEVATIONS (Show whether DF, RT, GR, etc.)**

**4736' GR**

**22. APPROX. DATE WORK WILL START\***

**A.S.A.P**

**23. PROPOSED CASING AND CEMENTING PROGRAM**

**REFER TO S.O.P.**

**Shenandoah Energy Inc. proposes to drill a well to 7225' to test the Wasatch. If productive, casing will be run and the well completed. If dry, the well will be plugged and abandoned as per BLM and State of Utah requirements.**

**Operation will be according to the Standard Operating Procedures for the Wonsits Valley Federal Unit, the Gypsum Hills Unit and surrounding areas Wasatch wells.**

**See Onshore Order No. 1 attached.**

**Please be advised that Shenandoah Energy Inc. is considered to be the operator of the above mentioned well. Shenandoah Energy Inc. agrees to be responsible under the terms and conditions of the lease for the operations conducted upon the lease lands.**

**Bond coverage for this well is provided by Bond No. 0969. The principal is Shenandoah Energy Inc. via surety as consent as provided for in 43 CFR 3104.2.**

**IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program if any.**

**24**

**SIGNED**

*John Busch*

**John Busch**

**TITLE Red Wash Operations Representative**

**DATE 6/5/01**

**(This space for Federal or State office use)**

**PERMIT NO.**

*43-047-34122*

**APPROVAL DATE**

**Application approval does not warrant or certify that the applicant holds legal or equitable title to these rights in the subject lease which would entitle the applicant to conduct operations thereon.**

**CONDITIONS OF APPROVAL, IF ANY:**

**APPROVED BY**

**TITLE**

**DATE**

**\*See Instructions On Reverse Side**

**Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.**

**CONFIDENTIAL**

**RECEIVED**

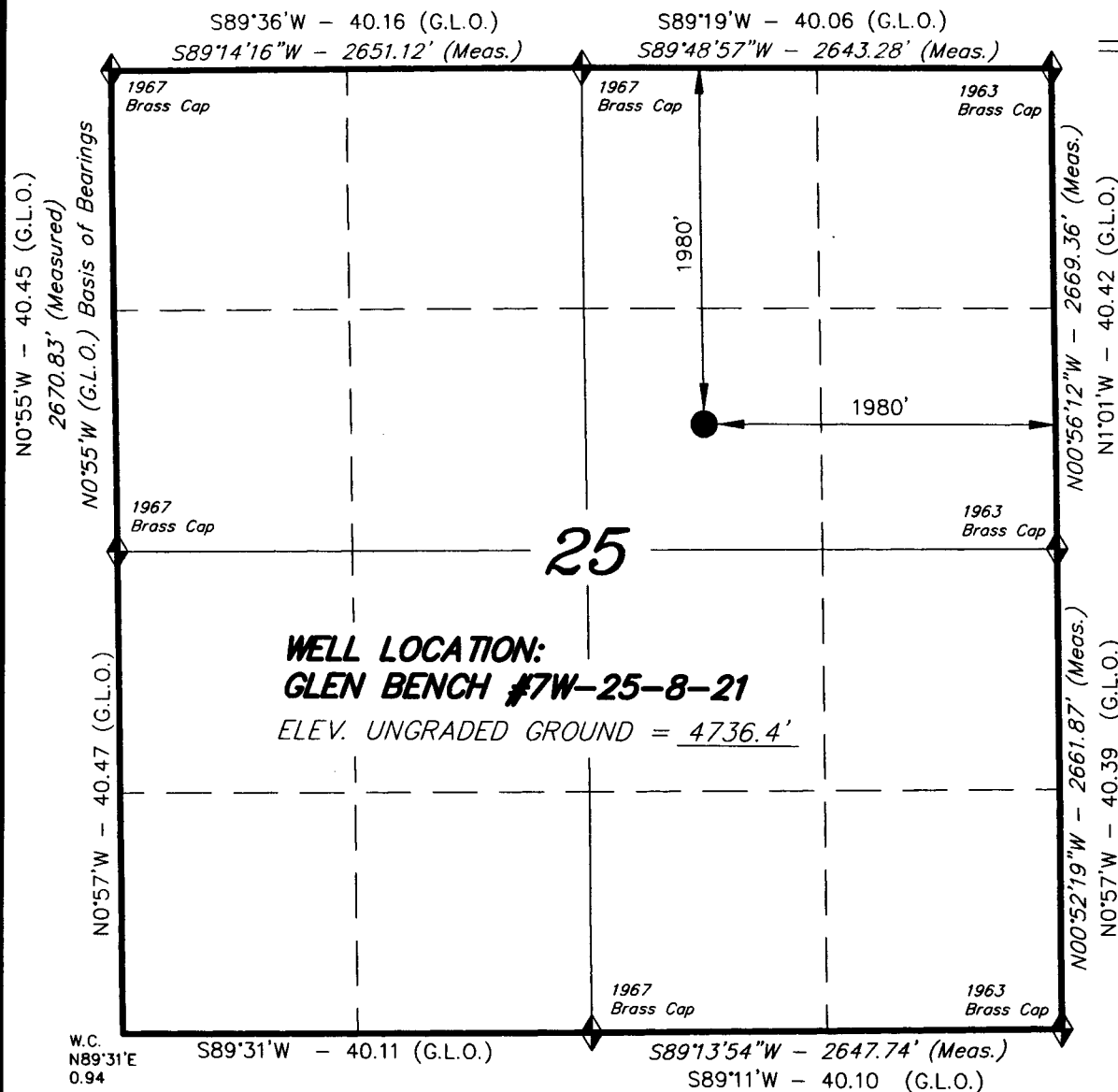
**DIVISION OF  
OIL, GAS AND MINING**

CONFIDENTIAL

# T8S, R21E, S.L.B.&M.

SHENANDOAH ENERGY, INC.

WELL LOCATION, GLEN BENCH  
#7W-25-8-21, LOCATED AS SHOWN IN  
THE SW 1/4 NE 1/4 OF SECTION 25,  
T8S, R21E, S.L.B.&M. UTAH COUNTY,  
UTAH.



THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS  
PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS  
MADE BY ME OR UNDER MY SUPERVISION AND THAT  
THE SAME ARE TRUE AND CORRECT TO THE BEST OF  
MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR  
No. 189377  
STATE OF UTAH

REVISED: 6-7-01 J.R.S. (Name Change)

**TRI STATE LAND SURVEYING & CONSULTING**  
38 WEST 100 NORTH - VERNAL, UTAH 84078  
(435) 781-2501

SCALE: 1" = 1000'	SURVEYED BY: C.D.S.
DATE: 1-18-01	WEATHER: COLD
DRAWN BY: J.R.S.	FILE #

◆ = SECTION CORNERS LOCATED

BASIS OF ELEV; U.S.G.S. 7-1/2 min QUAD (OURAY SE)

**GLEN BENCH #7W-25-8-21**  
LATITUDE = 40° 05' 47.14"  
LONGITUDE = 109° 29' 58.39"

**WORKSHEET**  
**APPLICATION FOR PERMIT TO DRILL**

002

APD RECEIVED: 06/12/2001

API NO. ASSIGNED: 43-047-34122

WELL NAME: GB 7W-25-8-21

OPERATOR: SHENANDOAH ENERGY INC ( N4235 )

CONTACT: JOHN BUSCH

PHONE NUMBER: 435-781-4341

PROPOSED LOCATION:

SWNE 25 080S 210E  
SURFACE: 1980 FNL 1980 FEL  
BOTTOM: 1980 FNL 1980 FEL  
UINTAH  
NATURAL BUTTES ( 630 )

LEASE TYPE: ~~1~~ Federal 4-Fee  
LEASE NUMBER: ~~U-9613~~ Fee  
SURFACE OWNER: 4 - Fee

PROPOSED FORMATION: WSTC

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
Engineering	DKD	2/4/02
Geology		
Surface		

RECEIVED AND/OR REVIEWED:

☒ Plat  
☒ Bond: ~~Fed[]~~ Ind[] Sta[] Fee ☒  
(No. ~~UT-0969~~ 04/27362 )  
☒ Potash (Y/N)  
☒ Oil Shale (Y/N) \*190-5 (B) or 190-3  
☒ Water Permit  
(No. 43-8496 )  
☒ RDCC Review (Y/N)  
(Date: )  
☒ Fee Surf Agreement (Y/N)

LOCATION AND SITING:

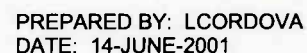
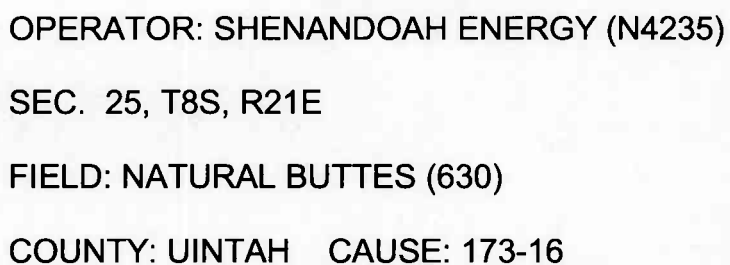
☐ R649-2-3. Unit  
☐ R649-3-2. General  
Siting: 460 From Qtr/Qtr & 920' Between Wells  
☐ R649-3-3. Exception  
☒ Drilling Unit  
Board Cause No: 173-16  
Eff Date: 1-13-2000  
Siting: \* Not Listed - Gen St.  
☐ R649-3-11. Directional Drill

COMMENTS:

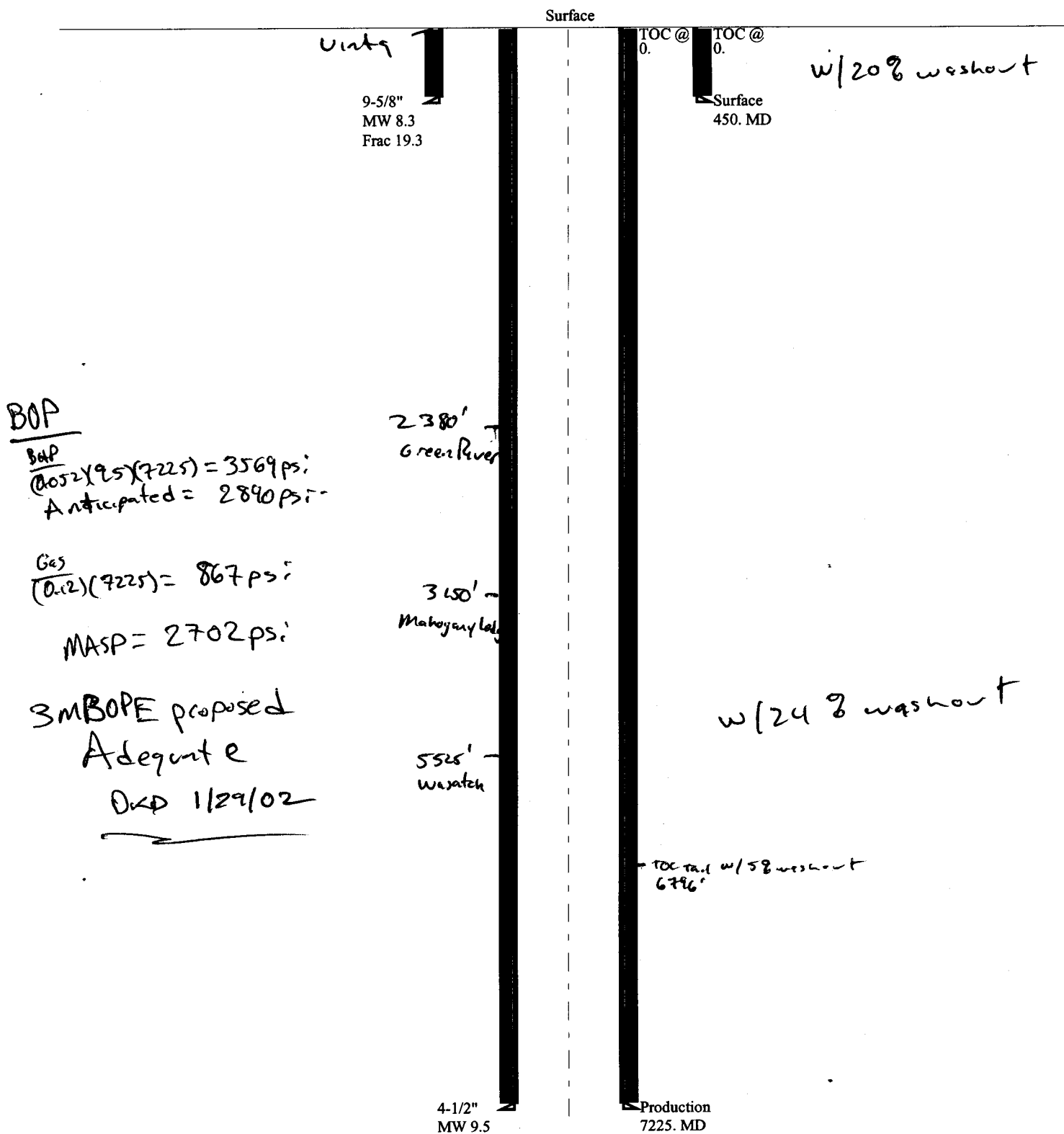
Need Presite. (01-16-02)  
WVFU & Surrounding Area SOP, Separate file.

STIPULATIONS:

1-Statement of basis.  
2-Spacing Slip.



01-02 Shenandoah GB 7W-2 8-21  
Casing Schematic



Well name:	<b>01-02 Shenandoah GB 7W-25-8-21</b>	
Operator:	<b>Shenandoah Energy Inc.</b>	
String type:	<b>Surface</b>	Project ID: 43-047-34122
Location:	<b>Uintah County</b>	

**Design parameters:**

**Collapse**

Mud weight: 8.330 ppg  
Design is based on evacuated pipe.

**Minimum design factors:**

**Collapse:**

Design factor 1.125

**Burst:**

Design factor 1.00

**Environment:**

H2S considered? No  
Surface temperature: 65 °F  
Bottom hole temperature: 71 °F  
Temperature gradient: 1.40 °F/100ft  
Minimum section length: 450 ft

Cement top:

Surface

**Burst**

Max anticipated surface pressure: 0 psi  
Internal gradient: 0.494 psi/ft  
Calculated BHP 222 psi

No backup mud specified.

**Tension:**

8 Round STC: 1.80 (J)  
8 Round LTC: 1.80 (J)  
Buttress: 1.60 (J)  
Premium: 1.50 (J)  
Body yield: 1.50 (B)

Tension is based on air weight.  
Neutral point: 395 ft

Non-directional string.

**Re subsequent strings:**

Next setting depth: 7,225 ft  
Next mud weight: 9.500 ppg  
Next setting BHP: 3,566 psi  
Fracture mud wt: 19.250 ppg  
Fracture depth: 450 ft  
Injection pressure 450 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	450	9.625	36.00	K-55	ST&C	450	450	8.765	32

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	195	2020	10.37	222	3520	15.85	16	423	26.11 J

Prepared by: Dustin K. Doucet  
Utah Dept. of Natural Resources

Phone: 801-538-5281  
FAX: 801-359-3940

Date: January 29, 2002  
Salt Lake City, Utah

ENGINEERING STIPULATIONS: None

Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Collapse is based on a vertical depth of 450 ft, a mud weight of 8.33 ppg The casing is considered to be evacuated for collapse purposes.

Burst strength is not adjusted for tension.

*Engineering responsibility for use of this design will be that of the purchaser.*

Well name: <b>01-02 Shenandoah GB 7W-25-8-21</b>	
Operator: <b>Shenandoah Energy Inc.</b>	Project ID: <b>43-047-34122</b>
String type: <b>Production</b>	
Location: <b>Uintah County</b>	

**Design parameters:**
**Collapse**

Mud weight: 9.500 ppg  
Design is based on evacuated pipe.

**Minimum design factors:**
**Collapse:**

Design factor 1.125

**Burst:**

Design factor 1.00

**Environment:**

H2S considered? No  
Surface temperature: 65 °F  
Bottom hole temperature: 148 °F  
Temperature gradient: 1.15 °F/100ft  
Minimum section length: 1,500 ft

Cement top:.

Surface

**Burst**

Max anticipated surface pressure: 0 psi  
Internal gradient: ~~0.494 psi/ft~~  
Calculated BHP: 3,566 psi

No backup mud specified.

**Tension:**

8 Round STC: 1.80 (J)  
8 Round LTC: 1.80 (J)  
Buttress: 1.60 (J)  
Premium: 1.50 (J)  
Body yield: 1.50 (B)

Non-directional string.

Tension is based on air weight.  
Neutral point: 6,199 ft

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	7225	4.5	11.60	J-55	ST&C	7225	7225	3.875	167.5

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	3566	4960	<u>1.39</u>	3566	5350	<u>1.50</u>	84	154	<u>1.84 J</u>

Prepared by: Dustin K. Doucet  
Utah Dept. of Natural Resources

Phone: 801-538-5281  
FAX: 801-359-3940

Date: January 29, 2002  
Salt Lake City, Utah

**ENGINEERING STIPULATIONS: None**

Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Collapse is based on a vertical depth of 7225 ft, a mud weight of 9.5 ppg The casing is considered to be evacuated for collapse purposes.

Burst strength is not adjusted for tension.

*Engineering responsibility for use of this design will be that of the purchaser.*

**DIVISION OF OIL, GAS AND MINING  
APPLICATION FOR PERMIT TO DRILL  
STATEMENT OF BASIS**

**Operator Name:** SHENANDOAH ENERGY, INC.  
**Well Name & Number:** GLEN BENCH 7W-25-8-21  
**API Number:** 43-047-34122  
**Location:** 1/4,1/4 SW/NE Sec. 25 T. 8S R. 21E

**Geology/Ground Water:**

Shenandoah proposes to set 450' of surface casing at this location. The depth to the base of the moderately saline water at this location is estimated to be at 500 feet. A search of Division of Water Rights records shows no water wells within a 10,000 foot radius of the center of section 25. The surface formation at this site is the Uinta Formation. The Uinta Formation is made up of interbedded shales and sandstones. The sandstones are mostly lenticular and discontinuous and should not be a significant source of useable ground water. The proposed casing program should adequately protect any underground sources of useable water.

**Reviewer:** Brad Hill  
**Date:** 01/24/2002

**Surface:**

The pre-drill investigation of the surface was performed on 1/16/2002. Surface is owned by Kay E. Anderson. (Telephone 801 224-2907) Mr. Anderson was invited to this pre-drill investigation but chose not to attend. I spoke to Mr. Anderson over the telephone and he stated that he had no concerns regarding the construction of this location or the drilling of this well.

**Reviewer:** David W. Hackford  
**Date:** 1/17/2002

**Conditions of Approval/Application for Permit to Drill:**

None.

**ON-SITE PREDRILL EVALUATION**  
**Division of Oil, Gas and Mining**

**OPERATOR:** SHENANDOAH ENERGY, INC.  
**WELL NAME & NUMBER:** GLEN BENCH 7W-25-8-21  
**API NUMBER:** 43-047-34122  
**LEASE:** FEE **FIELD/UNIT:** NATURAL BUTTES  
**LOCATION:** 1/4, 1/4 SW/NE SEC: 25 TWP: 8S RNG: 21E  
1980' F E L 1980' F N L  
**LEGAL WELL SITING:** Statewide 400 foot window in center of 40  
acre tract and no closer than 920 feet from  
another well.  
**GPS COORD (UTM):** 12627899E 4439534N  
**SURFACE OWNER:** KAY E. ANDERSON

**PARTICIPANTS:**

RAYLENE SEARLE (SHENANDOAH); DAVID HACKFORD (DOGM): MILES  
HANBERG (DWR).

**REGIONAL/LOCAL SETTING & TOPOGRAPHY:**

SITE IS IN ON AN EXTENDED FLAT STRETCHING 0.5 MILES IN ALL  
DIRECTIONS. DRAINAGE IS SLIGHTLY TO THE SOUTH TOWARD THE WHITE  
RIVER 1.5 MILES AWAY.

**SURFACE USE PLAN:**

CURRENT SURFACE USE: WILDLIFE AND LIVESTOCK GRAZING.  
HUNTING.

PROPOSED SURFACE DISTURBANCE: LOCATION WOULD BE 325' BY 250'  
AND ACCESS ROAD WOULD BE 1811'.

LOCATION OF EXISTING WELLS WITHIN A 1 MILE RADIUS: SEE  
ATTACHED MAP FROM GIS DATABASE

LOCATION OF PRODUCTION FACILITIES AND PIPELINES:  
ALL PRODUCTION FACILITIES WILL BE ON LOCATION AND  
CONSTRUCTED AFTER WELL IS DRILLED AND COMPLETED. THE  
PIPELINE TO THIS BATTERY WILL FOLLOW ACCESS ROAD.

SOURCE OF CONSTRUCTION MATERIAL: ALL CONSTRUCTION MATERIAL  
WILL BE BORROWED FROM SITE DURING CONSTRUCTION OF LOCATION.

ANCILLARY FACILITIES: NONE WILL BE REQUIRED.

**WASTE MANAGEMENT PLAN:**

DRILLED CUTTINGS WILL BE SETTLED INTO RESERVE PIT. LIQUIDS  
FROM PIT WILL BE ALLOWED TO EVAPORATE. FORMATION WATER WILL  
BE CONFINED TO STORAGE TANKS. SEWAGE FACILITIES, STORAGE  
AND DISPOSAL WILL BE HANDLED BY COMMERCIAL CONTRACTOR. TRASH  
WILL BE CONTAINED IN TRASH BASKETS AND HAULED TO AN APPROVED  
LAND FILL.

**ENVIRONMENTAL PARAMETERS:**

AFFECTED FLOODPLAINS AND/OR WETLANDS: NONE

FLORA/FAUNA: NATIVE GRASSES, SHADSCALE, GREASEWOOD, PRICKLY  
PEAR. (LESS THAN 5% GROUND COVER): RODENTS, COYOTES, SONG-  
BIRDS, RAPTORS, PRONGHORN, DEER.

SOIL TYPE AND CHARACTERISTICS: LIGHT BROWN SANDY CLAY.

EROSION/SEDIMENTATION/STABILITY: VERY LITTLE NATURAL  
EROSION. SEDIMENTATION AND STABILITY ARE NOT A PROBLEM AND  
LOCATION CONSTRUCTION SHOULDN'T CAUSE ANY INCREASE IN  
STABILITY OR EROSION PROBLEMS.

PALEONTOLOGICAL POTENTIAL: NONE OBSERVED.

**RESERVE PIT:**

CHARACTERISTICS: 140' BY 70' AND 8' DEEP.

LINER REQUIREMENTS (Site Ranking Form attached):   
A LINER WILL NOT BE REQUIRED FOR THE RESERVE PIT.

**SURFACE RESTORATION/RECLAMATION PLAN:**

AS PER LANDOWNER AGREEMENT.

**SURFACE AGREEMENT:** YES.

**CULTURAL RESOURCES/ARCHAEOLOGY:** SITE IS ON FEE LAND.

**OTHER OBSERVATIONS/COMMENTS:**

THE PRE-DRILL INVESTIGATION TOOK PLACE ON A COLD DAY WITH SIX  
INCHES OF SNOW COVER.

**ATTACHMENTS:**

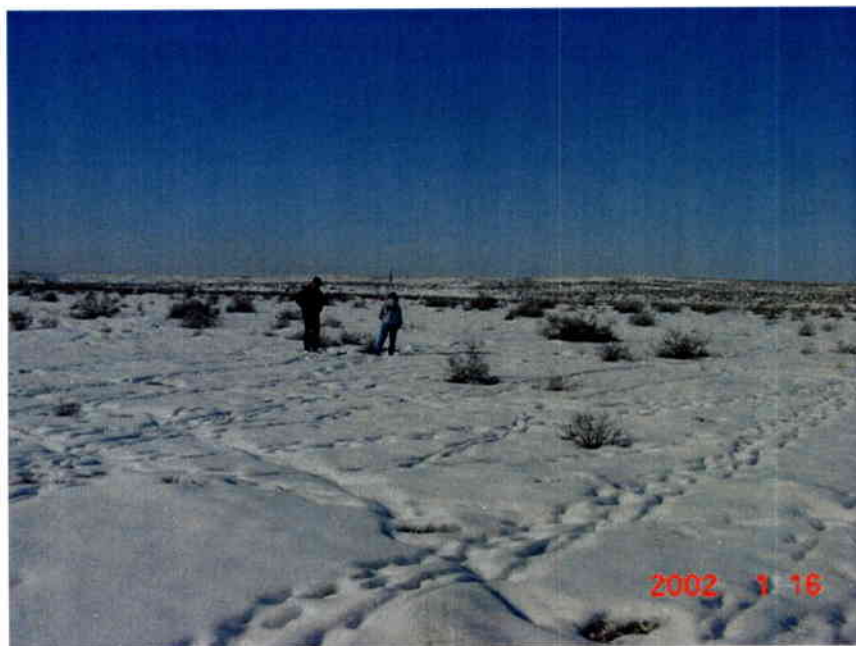
PHOTOS OF SITE WILL BE PLACED ON FILE.

DAVID W. HACKFORD  
**DOGM REPRESENTATIVE**

1/16/2002--11:45 AM  
**DATE/TIME**

**Evaluation Ranking Criteria and Ranking Score  
For Reserve and On-site Pit Liner Requirements**

<u>Site-Specific Factors</u>	<u>Ranking</u>	<u>Site Ranking</u>
<b>Distance to Groundwater (feet)</b>		
>200	0	
100 to 200	5	
75 to 100	10	
25 to 75	15	
<25 or recharge area	20	<u>5</u>
<b>Distance to Surf. Water (feet)</b>		
>1000	0	
300 to 1000	2	
200 to 300	10	
100 to 200	15	
< 100	20	<u>0</u>
<b>Distance to Nearest Municipal Well (feet)</b>		
>5280	0	
1320 to 5280	5	
500 to 1320	10	
<500	15	<u>0</u>
<b>Distance to Other Wells (feet)</b>		
>1320	0	
300 to 1320	10	
<300	20	<u>0</u>
<b>Native Soil Type</b>		
Low permeability	0	
Mod. permeability	10	
High permeability	20	<u>0</u>
<b>Fluid Type</b>		
Air/mist	0	
Fresh Water	5	
TDS >5000 and <10000	15	
TDS >10000 or Oil Base	20	
Mud Fluid containing high levels of hazardous constituents		<u>5</u>
<b>Drill Cuttings</b>		
Normal Rock	0	
Salt or detrimental	10	<u>0</u>
<b>Annual Precipitation (inches)</b>		
<10	0	
10 to 20	5	
>20	10	<u>0</u>
<b>Affected Populations</b>		
<10	0	
10 to 30	6	
30 to 50	8	
>50	10	<u>0</u>
<b>Presence of Nearby Utility</b>		
<b>Conduits</b>		
Not Present	0	
Unknown	10	
Present	15	<u>0</u>
<b>Final Score</b>		<u>10</u>





UTAH DIVISION OF WATER RIGHTS  
WATER RIGHT POINT OF DIVERSION PLOT CREATED THU, JAN 24, 2002, 2:01 PM  
PLOT SHOWS LOCATION OF 0 POINTS OF DIVERSION

PLOT OF AN AREA WITH A RADIUS OF 10000 FEET FROM A POINT  
FEET, FEET OF THE CT CORNER,  
SECTION 25 TOWNSHIP 8S RANGE 21E SL BASE AND MERIDIAN

PLOT SCALE IS APPROXIMATELY 1 INCH = 4000 FEET

N O R T H

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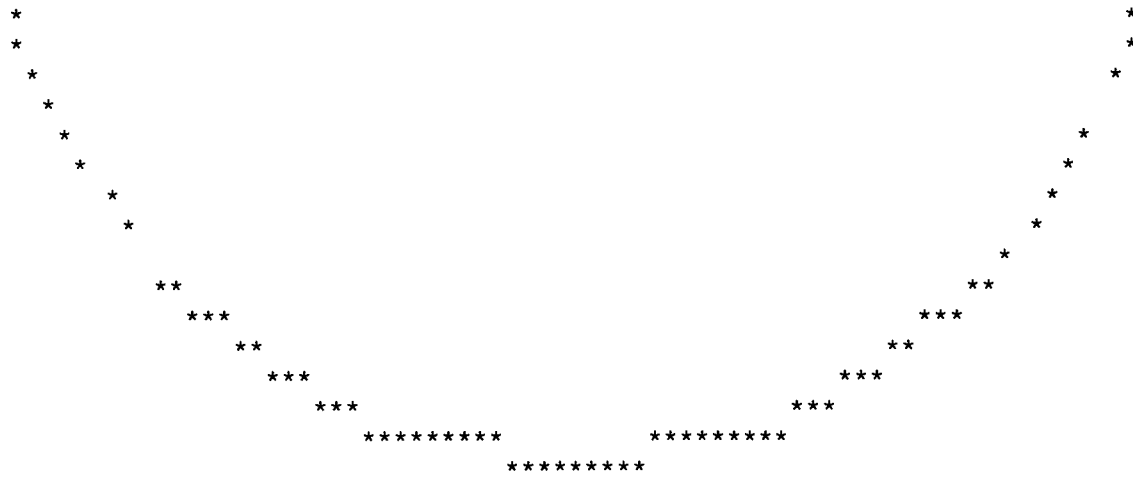
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003



State of Utah  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt  
Governor

Kathleen Clarke  
Executive Director

Lowell P. Braxton  
Division Director

1594 West North Temple, Suite 1210  
PO Box 145801  
Salt Lake City, Utah 84114-5801  
801-538-5340  
801-359-3940 (Fax)  
801-538-7223 (TDD)

February 21, 2002

Shenandoah Energy Inc  
11002 E 17500 S  
Vernal UT 84078

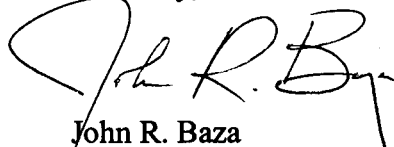
Re: Glen Bench 7W-25-8-21 Well, 1980' FNL, 1980' FEL, SW NE, Sec. 25, T. 8 South,  
R. 21 East, Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-34122.

Sincerely,



John R. Baza  
Associate Director

er

Enclosures

cc: Uintah County Assessor

**Operator:** Shenandoah Energy Inc  
**Well Name & Number** Glen Bench 7W-25-8-21  
**API Number:** 43-047-34122  
**Lease:** FEE

**Location:** SW NE      **Sec.** 25      **T.** 8 South      **R.** 21 East

### **Conditions of Approval**

**1. General**

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

**2. Notification Requirements**

The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

- 24 hours prior to cementing or testing casing
- 24 hours prior to testing blowout prevention equipment
- 24 hours prior to spudding the well
- within 24 hours of any emergency changes made to the approved drilling program
- prior to commencing operations to plug and abandon the well

The following are Division of Oil, Gas and Mining contacts and their work telephone numbers (please leave a voice mail message if the person is not available to take the call):

- Dan Jarvis at (801) 538-5338
- Carol Daniels at (801) 538-5284 (spud)

**3. Reporting Requirements**

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

**4. Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis. (Copy Attached)**

**5. This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.**

**STATE OF UTAH**  
**DEPARTMENT OF NATURAL RESOURCES**  
**DIVISION OF OIL, GAS AND MINING**

CONFIDENTIAL

006

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.

Use APPLICATION FOR PERMIT - for such proposals

<b>1. Type of Well</b> <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other (specify)		<b>6. Lease Designation and Serial Number</b> Fee <b>7. Indian Allottee or Tribe Name</b> N/A <b>8. Unit or Communitization Agreement</b> N/A
<b>2. Name of Operator</b> SHENANDOAH ENERGY, INC.		<b>9. Well Name and Number</b> Glen Bench 7W 25-8-21
<b>3. Address of Operator</b> 11002 E. 17500 S. Vernal, UT 84078	<b>4. Telephone Number</b> (435) 781-4342	<b>10. API Well Number</b> 43-047-34122 <b>11. Field and Pool, or Wildcat</b> Natural Buttes
<b>5. Location of Well</b> Footage : 1980' FNL, 1980' FEL     County : Uintah QQ, Sec, T., R., M. : SWNE - Sec 25 T8S R21E     State : Utah		

<b>12. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA</b>																											
<b>NOTICE OF INTENT</b> (Submit in Duplicate) <table style="width: 100%;"> <tr> <td><input type="checkbox"/> Abandonment</td> <td><input type="checkbox"/> New Construction</td> </tr> <tr> <td><input type="checkbox"/> Casing Repair</td> <td><input type="checkbox"/> Pull or Alter Casing</td> </tr> <tr> <td><input type="checkbox"/> Change of Plans</td> <td><input type="checkbox"/> Recompletion</td> </tr> <tr> <td><input type="checkbox"/> Conversion to Injection</td> <td><input type="checkbox"/> Shoot or Acidize</td> </tr> <tr> <td><input type="checkbox"/> Fracture Treat</td> <td><input type="checkbox"/> Vent or Flare</td> </tr> <tr> <td><input type="checkbox"/> Multiple Completion</td> <td><input type="checkbox"/> Water Shut-Off</td> </tr> <tr> <td colspan="2"><input type="checkbox"/> Other _____</td> </tr> </table> Approximate Date Work Will Start _____	<input type="checkbox"/> Abandonment	<input type="checkbox"/> New Construction	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Pull or Alter Casing	<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Recompletion	<input type="checkbox"/> Conversion to Injection	<input type="checkbox"/> Shoot or Acidize	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Vent or Flare	<input type="checkbox"/> Multiple Completion	<input type="checkbox"/> Water Shut-Off	<input type="checkbox"/> Other _____		<b>SUBSEQUENT REPORT</b> (Submit Original Form Only) <table style="width: 100%;"> <tr> <td><input type="checkbox"/> Abandonment *</td> <td><input type="checkbox"/> New Construction</td> </tr> <tr> <td><input type="checkbox"/> Casing Repair</td> <td><input type="checkbox"/> Pull or Alter Casing</td> </tr> <tr> <td><input type="checkbox"/> Change of Plans</td> <td><input type="checkbox"/> Shoot or Acidize</td> </tr> <tr> <td><input type="checkbox"/> Conversion to Injection</td> <td><input type="checkbox"/> Vent or Flare</td> </tr> <tr> <td><input type="checkbox"/> Fracture Treat</td> <td><input type="checkbox"/> Water Shut-Off</td> </tr> <tr> <td colspan="2"><input checked="" type="checkbox"/> Other <u>Well Spud Sundry</u></td> </tr> </table> Date of Work Completion _____  Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form. * Must be accompanied by a cement verification report.	<input type="checkbox"/> Abandonment *	<input type="checkbox"/> New Construction	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Pull or Alter Casing	<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Shoot or Acidize	<input type="checkbox"/> Conversion to Injection	<input type="checkbox"/> Vent or Flare	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Water Shut-Off	<input checked="" type="checkbox"/> Other <u>Well Spud Sundry</u>	
<input type="checkbox"/> Abandonment	<input type="checkbox"/> New Construction																										
<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Pull or Alter Casing																										
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<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Vent or Flare																										
<input type="checkbox"/> Multiple Completion	<input type="checkbox"/> Water Shut-Off																										
<input type="checkbox"/> Other _____																											
<input type="checkbox"/> Abandonment *	<input type="checkbox"/> New Construction																										
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<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Shoot or Acidize																										
<input type="checkbox"/> Conversion to Injection	<input type="checkbox"/> Vent or Flare																										
<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Water Shut-Off																										
<input checked="" type="checkbox"/> Other <u>Well Spud Sundry</u>																											

13. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Well was spud on 3/18/02. Drilled 12 1/4" hole to 455'. Ran 11 joints K-55 36# 9 5/8" casing to 455'Kb.

14. I hereby certify that the foregoing is true and correct

Name & Signature Dahn F. Caldwell

Title Authorized Rep.

Date 3-20-02

(State Use Only)

CONFIDENTIAL

RECEIVED

MAR 22 2002

DIVISION OF  
OIL, GAS AND MINING

004

State of Utah  
Division of Oil, Gas and Mining

ENTITY ACTION FORM - FORM 6

OPERATOR: **Shenandoah Energy, Inc.**  
ADDRESS: **11002 East 17500 South  
Vernal, Utah 84078-8528**

OPERATOR ACCT. No. **N4235****(435)781-4300**

Action Code	Current Entity No.	New Entity No.	API Number	Well Name	QQ	SC	TP	RG	County	Spud Date	Effective Date
A	99999	13436	43-047-34122	GB 7W 25 8 21	SWNE	25	8S	21E	Uintah	3/18/02	3-26-02

WELL 1 COMMENTS:

**New well drilled in the Glen Bench Wasatch**

WELL 2 COMMENTS:

WELL 3 COMMENTS:

WELL 4 COMMENTS:

WELL 5 COMMENTS:

ACTION CODES (See instructions on back of form)

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (explain in comments section)

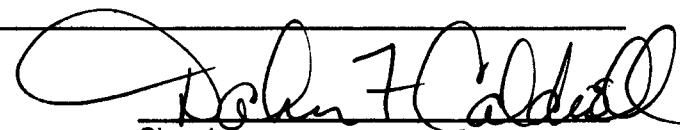
NOTE: Use COMMENT section to explain why each Action Code was selected

(3/89)

**RECEIVED**

MAR 22 2002

DIVISION OF  
OIL, GAS AND MINING**CONFIDENTIAL**

  
Signature

Administrative Assistant **3/20/02**  
Title Date

Phone No. **(435)781-4342**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB NO. 1004-0135  
Expires: November 30, 2000**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.***SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

5. Lease Serial No.  
FEE
6. If Indian, Allottee or Tribe Name
7. If Unit or CA/Agreement, Name and/or No.
8. Well Name and No.  
GB 7W 25 8 21
9. API Well No.  
43-047-34122
10. Field and Pool, or Exploratory  
NATURAL BUTTES
11. County or Parish, and State  
UINTAH COUNTY, UT

1. Type of Well  
☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator  
SHENANDOAH ENERGY INC.

Contact: ANN PETRIK  
E-Mail: apetrik@shenandoahenergy.com

3a. Address  
11002 EAST 17500 SOUTH  
VERNAL, UT 84078

3b. Phone No. (include area code)  
Ph: 435.781.4306  
Fx: 435.781.4329

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 25 T8S R21E SWNE 1980FNL 1980FEL

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Production Start-up
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

THIS WELL COMMENCED PRODUCTION 4/16/02.

14. I hereby certify that the foregoing is true and correct. <b>Electronic Submission #11071 verified by the BLM Well Information System For SHENANDOAH ENERGY INC., sent to the Vernal</b>	
Name (Printed/Typed) ANN PETRIK	Title ADMINISTRATIVE CONTACT
Signature (Electronic Submission)	Date 04/23/2002

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved By _____	Title _____	Date _____
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office _____	

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

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APR 25 2002

DIVISION OF  
OIL, GAS AND MINING

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB No. 1004-0137  
Expires: November 30, 2000

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.  
FEE

1a. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other			6. If Indian, Allottee or Tribe Name N/A		
b. Type of Completion <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr. Other _____			7. Unit or CA Agreement Name and No. N/A		
2. Name of Operator SHENANDOAH ENERGY			Contact: DAHN F. CALDWELL E-Mail: Dahn.Caldwell@questar.com		
3. Address 11002 E. 17500 S. VERNAL, UT 84078			3a. Phone No. (include area code) Ph: 435.781.4342		
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface SWNE 1980FNL 1980FEL At top prod interval reported below SWNE 1980FNL 1980FEL At total depth SWNE 1980FNL 1980FEL			8. Lease Name and Well No. GB 7W 25-8-21		
14. Date Spudded 03/18/2002			15. Date T.D. Reached 03/28/2002		
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 04/15/2002			9. API Well No. 43-047-34122		
18. Total Depth: MD 7400 TVD			19. Plug Back T.D.: MD 7357 TVD		
20. Depth Bridge Plug Set: MD TVD			10. Field and Pool, or Exploratory NATURAL BUTTES		
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) CBL, COMP NEUTRON TL/GR, ARRAY INDUC W/ LC-GR 7-1-2002			11. Sec., T., R., M., or Block and Survey or Area Sec 25 T8S R21E Mer SLB		
22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Directional Survey? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis)			12. County or Parish UINTAH		
			13. State UT		
			17. Elevations (DF, KB, RT, GL)* 4735 GL		

23. Casing and Liner Record (Report all strings set in well)									
Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12.250	9.625 K-55	36.0		455		175			
7.875	4.500 J55-M80	11.6		7400		955			

24. Tubing Record									
Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	
2.375	7171								

25. Producing Intervals					26. Perforation Record				
Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status			
A) WASATCH	5549	7400	7198 TO 7274						
B)			6956 TO 7056						
C)			6762 TO 6830						
D)			6455 TO 6653						

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.									
Depth Interval			Amount and Type of Material						
7198 TO 7274			FRAC W/ 47,000 LBS IN 21,546 GALS						
6956 TO 7056			FRAC W/ 135,000 LBS IN 48,720 GALS						
6762 TO 6830			FRAC W/ 68,500 LBS IN 27,930 GALS						
6455 TO 6653			FRAC W/ 210,000 LBS IN 72,114 GALS						

28. Production - Interval A									
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
04/16/2002	04/20/2002	24	→	13.0	1241.0	11.0			FLOW FROM WELL
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
	1083	1305.0	→					PGW	

28a. Production - Interval B									
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
	SI		→						

(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #13046 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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## 28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Cag. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

## 28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Cag. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

29. Disposition of Gas(Sold, used for fuel, vented, etc.)  
SOLD

## 30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

## 31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
				GREEN RIVER G1 LIME WASATCH TD	2349 4849 5549 7400

## 32. Additional remarks (include plugging procedure):

"Confidential. Do not release well information without permission from Shenandoah Energy Inc."

Cemented w/440 sxs HiFill Mod Lead & 515 sxs 50/50 Pozmix Tail.

## 33. Circle enclosed attachments:

1. Electrical/Mechanical Logs (1 full set req'd.)  
5. Sundry Notice for plugging and cement verification

2. Geologic Report  
6. Core Analysis

3. DST Report  
7 Other:

4. Directional Survey

## 34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):

Electronic Submission #13046 Verified by the BLM Well Information System.  
For SHENANDOAH ENERGY, sent to the Vernal

Name (please print) JIM SIMONTON

Title COMPLETION MANAGER

Signature (Electronic Submission)

Date 07/24/2002

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

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**Additional data for transaction #13046 that would not fit on the form**

**26. Perforation Record, continued**

<b>Perf Interval</b>	<b>Size</b>	<b>No. Holes</b>	<b>Perf Status</b>
6038 TO 6044			

**27. Acid, Fracture, Treatment, Cement Squeeze, etc., continued**

<b>Depth Interval</b>	<b>Amount and Type of Material</b>
6038 TO 6044	FRAC W/ 39,600 LBS IN 18,396 GALS

008

**From:** Carol Daniels  
**To:** rsearle@shenandoahenergy.com  
**Subject:** More Logs needed!

Hi,

Here is a list of more logs I need. Thanks a lot for your efforts.

GB 7W-25-8-21 - COMP NEUTRON TL/GR, ARRAY INDUC W/LC-GR  
GB 8W-30-8-22 - COMP NEUTRON TLD  
GB 11W-20-8-22 - COMP NEUTRON TL/GR, ARRAY INDUC W/LC-GR  
GH 1W-20-8-21 - MECH SIDEWALL CRG TOOL  
WV-2W-22-8-21 - SPECTRAL DENSITY, HIRES IND, CBL-VDL

I still haven't received the logs for the following wells I previously contacted you about:

WV 7W-15-8-21 - CBL  
WV 7W-36-7-21 - HR INDUCTION - You had contacted Computalog and Schumberger because you were not sure which company had run the log.  
  
WV 10W-14-8-21 - CBL/VDL/GR, HRI, SPECTRAL DENSITY DSN  
WV 12W-14-8-21 - MECH SCT  
WV 16W-15-8-21 - CBL-VDL  
WR 14W-4-8-22 - MUD LOG

009

**From:** Carol Daniels  
**To:** raleen.searle@questar.com  
**Subject:** Requesting logs for wells that have been completed

Hi Raleen,

I am attaching a list for logs we have not received for wells that have been completed. Any questions, please call me at 801-538-5284.

Thank you and have a Merry Christmas and a Happy New Year!

DATE: 12/18/2002

CONFIDENTIAL

SHENANDOAH ENERGY INC

Logs not received for wells completed

API NUMBER	WELL NAME	LOGS NEEDED
43 047 34122	GB 7W 25-8-21	COMP NEUTRON TL/GR, ARRAY INDUC W/LC-GR
43 047 34531	GB 7W 30-8-22	COMP NEUTRON-DENSITY, ARRAY INDUCTION, CBL-VDL
43 047 34532	GB 8W 30-8-22	COMPENSATED NEUTRON TLD
43 047 34533	GB 9W 30-8-22	DIPOLE SONIC IMAGER COMP ENUTRON GR, CBL
43 047 33754	GB 11W 16-8-22	SPECTRAL DENSITY DSN, HRI
43 047 34039	GB 11W 20-8-22	COMP NEUTRON TL/GR, ARRAY INDUC W/LC-GR
43 047 34327	GH 1W 20-8-21	MECH SIDEWALL CRG TOOL
43 047 33848	GH 15W 21-8-21	SPECTRAL DENSITY, DUAL LATERLOG
43 047 34573	OU GB 1W 29-8-22	CMT VOL, AI W/LC-GR, COMP NEUTRON TLD
43 047 34546	OU GB 3W 29-8-22	SPECTRAL DENSITY DSN
43 047 34549	OU GB 5W 29-8-22	MECH SDWLL CRG TL
43 047 34554	OU GB 14W 29-8-22	SECTOR BOND LOG, SPECTRA SCAN IMA
43 047 33591	RWU 12-24A	SPECTRAL DENSITY, HIRES INDUCTION
43 047 33766	RWU 22-29B	SPECTRAL DENSITY, HIRES INDUCTION
43 047 33567	RWU 23-24A	SPECTRAL DENSITY, HIRES INDUCTION
43 047 33788	RWU 31-30B	CBL-VDL
43 047 33771	RWU 42-30B	CBL-VDL
43 047 34006	WR 14W 4-8-22	MUD LOG
43 047 34106	WV 3G 10-8-21	CBL-VDL
43 047 34390	WV 15G 5-8-22	DIPOLE SONIC IMAGER - GR/CCL
43 047 34243	WV 2W 22-8-21	HIRES INDUCTION

43 047 34144	WV 4W 13-8-21	COMPENSATED DENSITY NEUTRON, ARRAY INDUCTION
43 047 33954	WV 5W 17-8-21	SPECTRAL DENSITY, HIRES INDUCTION
43 047 34246	WV 7W 15-8-21	CBL
43 047 34065	WV 7W 36-7-21	HR INDUCTION
43 047 34456	WV 10W 5-8-22	CBL
43 047 34279	WV 12W 14-8-21	MECH SCT
43 047 34251	WV 16W 15-8-21	CBL-VDL
43 047 33662	WV FU 15G 9-8-21	COMP NEUTRON DENS, ARRAY IND, MECH CORING
43 047 33602	WV FU 1W 21-8-21	CBL-VDL
43 047 33613	WV FU 1W-24-8-21	SPECTRAL DENSITY, DUAL LATERLOG
43 047 33603	WV FU 3W-13-8-21	SPECTRAL DENSITY, DUAL LATERLOG, CBL-VDL
43 047 33957	WV FU 8W-11-8-21	CBL-VDL
43 047 33793	WV FU 8W-13-8-21	CBL/GR
43 047 33269	WV FU 9W-14-8-21	SPECTRAL DENSITY, DUAL LATERLOG
43 047 33795	WV FU 10W-13-8-21	DIPOLE SONIC, CBL
43 047 33626	WV FU 11W-18-8-22	CBL-VDL
43 047 33606	WV FU 13W-13-8-21	DIPOLE SONIC, CBL-VDL
43 047 33607	WV FU 13W-14-8-21	DIPOLE SONIC, COMP NEUTRON
43 047 33645	WV FU 16W-2-8-21	DUAL LATERLOG

## OPERATOR CHANGE WORKSHEET

## ROUTING

1. GLH
2. CDW
3. FILE

010

Change of Operator (Well Sold)

Designation of Agent/Operator

X Operator Name Change

Merger

The operator of the well(s) listed below has changed, effective:

2/1/2003

**FROM: (Old Operator):**

N4235-Shenandoah Energy Inc  
11002 E 17500 S  
Vernal, UT 84078-8526

Phone: (435) 781-4341

**TO: ( New Operator):**

N2460-QEP Uinta Basin Inc  
11002 E 17500 S  
Vernal, UT 84078-8526

Phone: (435) 781-4341

CA No.

Unit:

**WELL(S)**

NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS	Confid
WV 7W-36-7-21	36	070S	210E	4304734065	13334	State	GW	TA	
WV 9W-36-7-21	36	070S	210E	4304734066	13331	State	GW	TA	
GB 6W-25-8-21	25	080S	210E	4304734121	✓ 13440	Fee	GW	P	
GB 7W-25-8-21	25	080S	210E	4304734122	✓ 13436	Fee	GW	P	
GH 5G-32-8-21	32	080S	210E	4304733866	13037	State	OW	P	
GB 1W-36-8-21	36	080S	210E	4304733944	13439	State	GW	P	
GB 11W-16-8-22	16	080S	220E	4304733754	13582	State	GW	P	C
OU GB 4W-16-8-22	16	080S	220E	4304734598	✓ 13579	State	GW	P	C
OU GB 12W-16-8-22	16	080S	220E	4304734617	✓ 13697	State	GW	P	C
OU GB 13W-16-8-22	16	080S	220E	4304734618	✓ 13611	State	GW	P	C
OU GB 15W-16-8-22	16	080S	220E	4304734622	✓ 13595	State	GW	P	C
OU GB 2W-16-8-22	16	080S	220E	4304734657	✓ 13721	State	GW	P	C
OU GB 6W-16-8-22	16	080S	220E	4304734658	✓ 13592	State	GW	P	C
OU GB 7W-16-8-22	16	080S	220E	4304734659	✓ 13747	State	GW	DRL	C
GB 11W-30-8-22	30	080S	220E	4304734392	✓ 13433	Fee	GW	P	

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 6/2/2003
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 6/2/2003
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 6/19/2003
- Is the new operator registered in the State of Utah: YES Business Number: 5292864-0151
- If NO, the operator was contacted on: \_\_\_\_\_

6. (R649-9-2) Waste Management Plan has been received on:

IN PLACE

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: 7/21/2003

8. **Federal and Indian Units:**

The BLM or BIA has approved the successor of unit operator for wells listed on: 7/21/2003

9. **Federal and Indian Communization Agreements ("CA"):**

The BLM or BIA has approved the operator for all wells listed within a CA on: n/a

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: n/a

**DATA ENTRY:**

1. Changes entered in the **Oil and Gas Database** on: 8/27/2003

2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 8/27/2003

3. Bond information entered in RBDMS on: n/a

4. Fee wells attached to bond in RBDMS on: n/a

**STATE WELL(S) BOND VERIFICATION:**

1. State well(s) covered by Bond Number: 965-003-032

**FEDERAL WELL(S) BOND VERIFICATION:**

1. Federal well(s) covered by Bond Number: 965-002-976

**INDIAN WELL(S) BOND VERIFICATION:**

1. Indian well(s) covered by Bond Number: 799446

**FEE WELL(S) BOND VERIFICATION:**

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number 965-003-033

2. The **FORMER** operator has requested a release of liability from their bond on: n/a  
The Division sent response by letter on: n/a

**LEASE INTEREST OWNER NOTIFICATION:**

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

**COMMENTS:**



Questar Exploration and Production Company  
Independence Plaza  
1050 17th Street, Suite 500  
Denver, CO 80265  
Tel 303 672 6900 • Fax 303 294 9632

Denver Division

May 28, 2003

Division of Oil, Gas, & Mining  
1594 West North Temple, Suite 1210  
P. O. Box 145801  
Salt Lake City, Utah 84114-5801

Attention: John Baza/Jim Thompson

Gentlemen:

This will serve as notice that through the internal corporate changes described below, activities formerly conducted in the name of either Shenandoah Operating Company, LLC (SOC) and/or Shenandoah Energy, Inc. (SEI) will hereafter be conducted in the name of QEP Uinta Basin, Inc.: i) the Shenandoah entities were purchased in July, 2001 by Questar Market Resources, Inc., which is a mid-level holding company for the non-utility businesses of Questar Corporation, ii) Shenandoah Operating Company, LLC has now been merged into Shenandoah Energy, Inc. (SEI), iii) Shenandoah Energy, Inc. has now been re-named **QEP Uinta Basin, Inc.** pursuant to a State of Delaware Amended and Restated Certificate of Incorporation, iv) the same employees will continue to be responsible for operations of the former SOC and SEI properties, both in the field and in the office. Accordingly, the change involves only an internal corporate name change and no third party change of operator is involved. Please alter your records to reflect the entity name change. Attached is a spreadsheet listing all wells affected by this change.

Should you have any questions, please call me at 303 - 308-3056.

Yours truly,

Frank Nielsen  
Division Landman

Enclosure

RECEIVED

JUN 02 2003

DIV. OF OIL, GAS & MINING

well_name	Sec	T	R	api	Entity	Lease Type
UTAH STATE 1	36	070S	240E	4304715128	5878	State
BRENNAN FED 3	17	070S	210E	4304715419	10750	Federal
FEDERAL 2-29-7-22	29	070S	220E	4304715423	5266	Federal
FS PRINCE GOVT 1	10	070S	240E	4304716199	7035	Federal
KAYE STATE 1-16	16	100S	230E	4304730609	5395	State
LEOTA FED 1	34	070S	210E	4304730879	5420	Federal
GULF BRENNAN FED 8	17	070S	210E	4304731509	5290	Federal
RFC 1	20	070S	210E	4304731805	10952	Federal
EAST COYOTE FED 14-4-8-25	04	080S	250E	4304732493	11630	Federal
F S PRINCE 4	03	070S	240E	4304732677	7035	Federal
GYPSUM HILLS 21	21	080S	210E	4304732692	11819	Federal
TOLL STATION ST 8-36-8-21	36	080S	210E	4304732724	12361	State
SAGE GROUSE FED 6-14-8-22	14	080S	220E	4304732746	11944	Federal
GYPSUM HILLS 22WG	22	080S	210E	4304732818	12336	Federal
GLEN BENCH ST 8A-36-8-21	36	080S	210E	4304733037	12377	State
GLEN BENCH ST 6-36-8-21	36	080S	210E	4304733038	12378	State
SAGE GROUSE 12A-14-8-22	14	080S	220E	4304733177	12524	Federal
OU GB 12W-20-8-22	20	080S	220E	4304733249	13488	Federal
GLEN BENCH ST 2-36-8-21	36	080S	210E	4304733252	12527	State
GBU 15-18-8-22	18	080S	220E	4304733364	12690	Federal
GLEN BENCH FED 3W-17-8-22	17	080S	220E	4304733513	12950	Federal
GLEN BENCH FED 5W-17-8-22	17	080S	220E	4304733514	12873	Federal
WV FED 9W-8-8-22	08	080S	220E	4304733515	13395	Federal
GB FED 9W-18-8-22	18	080S	220E	4304733516	12997	Federal
OU GB 3W-20-8-22	20	080S	220E	4304733526	13514	Federal
GHU 10W-19-8-21	19	080S	210E	4304733528	12736	Federal
GH 1W-32-8-21	32	080S	210E	4304733570	12797	State
GH 3W-32-8-21	32	080S	210E	4304733571	12796	State
GH 5W-32-8-21	32	080S	210E	4304733572	12828	State
GH 7W-32-8-21	32	080S	210E	4304733573	12872	State
GLEN BENCH 12W-30-8-22	30	080S	220E	4304733670	13380	Federal
GH 2W-32-8-21	32	080S	210E	4304733744	13029	State
GH 4W-32-8-21	32	080S	210E	4304733745	13035	State
GH 8W-32-8-21	32	080S	210E	4304733746	13030	State
GB 3W-16-8-22	16	080S	220E	4304733751	13577	State
GB 5W-16-8-22	16	080S	220E	4304733752	13570	State
GH 6W-32-8-21	32	080S	210E	4304733753	13036	State
GB 11W-16-8-22	16	080S	220E	4304733754	13582	State
GH 7W-21-8-21	21	080S	210E	4304733845	13050	Federal
GH 9W-21-8-21	21	080S	210E	4304733846	13074	Federal
GH 11W-21-8-21	21	080S	210E	4304733847	13049	Federal
GH 15W-21-8-21	21	080S	210E	4304733848	13051	Federal
GH 5G-32-8-21	32	080S	210E	4304733866	13037	State
WV 9W-23-8-21	23	080S	210E	4304733909	13160	Federal
GHU 14W-20-8-21	20	080S	210E	4304733915	13073	Federal
GB 1W-36-8-21	36	080S	210E	4304733944	13439	State
GB 4W-30-8-22	30	080S	220E	4304733945	13372	Federal
GB 9W-19-8-22	19	080S	220E	4304733946	13393	Federal
GB 10W-30-8-22	30	080S	220E	4304733947	13389	Federal
GB 12W-19-8-22	19	080S	220E	4304733948	13388	Federal
WV 5W-17-8-21	17	080S	210E	4304733954	13332	Federal
WV 7W-17-8-21	17	080S	210E	4304733956	13330	Federal
GB 9W-25-8-21	25	080S	210E	4304733960	13390	Federal
WV 1W-5-8-22	05	080S	220E	4304733985	13369	Federal
WV 3W-5-8-22	05	080S	220E	4304733987	13321	Federal
WV 7W-5-8-22	05	080S	220E	4304733988	13235	Federal
WV 9W-5-8-22	05	080S	220E	4304733990	13238	Federal
WV 11W-5-8-22	05	080S	220E	4304733992	13239	Federal
WV 13W-5-8-22	05	080S	220E	4304733994	13236	Federal
WV 15W-5-8-22	05	080S	220E	4304733996	13240	Federal
WV 8W-8-8-22	08	080S	220E	4304734005	13220	Federal
WV 14W-8-8-22	08	080S	220E	4304734007	13322	Federal
OU GB 6W-20-8-22	20	080S	220E	4304734018	13518	Federal
GB 5W-30-8-22	30	080S	220E	4304734025	13502	Federal
GB 11W-20-8-22	20	080S	220E	4304734039	13413	Federal

well name	Sec	T	R	api	Entity	Lease Type
OU GB 4W-20-8-22	20	080S	220E	4304734043	13520	Federal
WV 7W-36-7-21	36	070S	210E	4304734065	13334	State
WV 9W-36-7-21	36	070S	210E	4304734066	13331	State
WV 3G-10-8-21	10	080S	210E	4304734106	13241	Federal
WV 15G-3-8-21	03	080S	210E	4304734109	13368	Federal
WV 16G-3-8-21	03	080S	210E	4304734110	13295	Federal
GB 6W-25-8-21	25	080S	210E	4304734121	13440	Fee
GB 7W-25-8-21	25	080S	210E	4304734122	13436	Fee
GH 5W-21-8-21	21	080S	210E	4304734147	13387	Federal
GH 6W-21-8-21	21	080S	210E	4304734148	13371	Federal
GH 8W-21-8-21	21	080S	210E	4304734149	13293	Federal
GH 9W-17-8-21	17	080S	210E	4304734150	13392	Federal
GH 10W-20-8-21	20	080S	210E	4304734151	13328	Federal
GH 10W-21-8-21	21	080S	210E	4304734152	13378	Federal
GH 12W-21-8-21	21	080S	210E	4304734153	13294	Federal
GH 14W-21-8-21	21	080S	210E	4304734154	13292	Federal
GH 16W-17-8-21	17	080S	210E	4304734156	13354	Federal
GH 16W-21-8-21	21	080S	210E	4304734157	13329	Federal
GB 5W-20-8-22	20	080S	220E	4304734209	13414	Federal
WV 6W-22-8-21	22	080S	210E	4304734272	13379	Federal
GH 1W-20-8-21	20	080S	210E	4304734327	13451	Federal
GH 2W-20-8-21	20	080S	210E	4304734328	13527	Federal
GH 3W-20-8-21	20	080S	210E	4304734329	13728	Federal
GH 7W-20-8-21	20	080S	210E	4304734332	13537	Federal
GH 9W-20-8-21	20	080S	210E	4304734333	13411	Federal
GH 11W-20-8-21	20	080S	210E	4304734334	13410	Federal
GH 15W-20-8-21	20	080S	210E	4304734335	13407	Federal
GH 16W-20-8-21	20	080S	210E	4304734336	13501	Federal
WV 12W-23-8-21	23	080S	210E	4304734343	13430	Federal
OU GB 13W-20-8-22	20	080S	220E	4304734348	13495	Federal
OU GB 14W-20-8-22	20	080S	220E	4304734349	13507	Federal
OU GB 11W-29-8-22	29	080S	220E	4304734350	13526	Federal
WV 11G-5-8-22	05	080S	220E	4304734388	13422	Federal
WV 13G-5-8-22	05	080S	220E	4304734389	13738	Federal
WV 15G-5-8-22	05	080S	220E	4304734390	13459	Federal
GB 11W-30-8-22	30	080S	220E	4304734392	13433	Fee
SU BRENNAN W 15W-18-7-22	18	070S	220E	4304734403	13442	Federal
STIRRUP U 16W-5-8-22	05	080S	220E	4304734446	13654	Federal
STIRRUP U 2W-5-8-22	05	080S	220E	4304734455	13700	Federal
WV 10W-5-8-22	05	080S	220E	4304734456	13540	Federal
WV 16W-8-8-22	08	080S	220E	4304734470	13508	Federal
GB 16WX-30-8-22	30	080S	220E	4304734506	13431	Federal
OU GB 1W-19-8-22	19	080S	220E	4304734512	13469	Federal
OU GB 2W-19-8-22	19	080S	220E	4304734513	13461	Federal
OU GB 5W-19-8-22	19	080S	220E	4304734514	13460	Federal
OU GB 7W-19-8-22	19	080S	220E	4304734515	13462	Federal
OU GB 8W-19-8-22	19	080S	220E	4304734516	13489	Federal
OU GB 11W-19-8-22	19	080S	220E	4304734517	13467	Federal
OU GB 16W-19-8-22	19	080S	220E	4304734522	13476	Federal
GB 1W-30-8-22	30	080S	220E	4304734528	13487	Federal
GB 3W-30-8-22	30	080S	220E	4304734529	13493	Federal
GB 6W-30-8-22	30	080S	220E	4304734530	13519	Federal
GB 7W-30-8-22	30	080S	220E	4304734531	13494	Federal
GB 8W-30-8-22	30	080S	220E	4304734532	13483	Federal
GB 9W-30-8-22	30	080S	220E	4304734533	13500	Federal
OU GB 6W-19-8-22	19	080S	220E	4304734534	13475	Federal
OU GB 10W-19-8-22	19	080S	220E	4304734535	13479	Federal
OU GB 13W-19-8-22	19	080S	220E	4304734536	13478	Federal
OU GB 14W-19-8-22	19	080S	220E	4304734537	13484	Federal
OU GB 15W-19-8-22	19	080S	220E	4304734538	13482	Federal
OU GB 12W-17-8-22	17	080S	220E	4304734542	13543	Federal
OU GB 6W-17-8-22	17	080S	220E	4304734543	13536	Federal
OU GB 13W-17-8-22	17	080S	220E	4304734544	13547	Federal
OU GB 6W-29-8-22	29	080S	220E	4304734545	13535	Federal
OU GB 3W-29-8-22	29	080S	220E	4304734546	13509	Federal

## SEI (N4235) to QEP (N2460)

well name	Sec	T	R	api	Entity	Lease Type
OU GB 13W-29-8-22	29	080S	220E	4304734547	13506	Federal
OU GB 4W-29-8-22	29	080S	220E	4304734548	13534	Federal
OU GB 5W-29-8-22	29	080S	220E	4304734549	13505	Federal
OU GB 14W-17-8-22	17	080S	220E	4304734550	13550	Federal
OU GB 11W-17-8-22	17	080S	220E	4304734553	13671	Federal
OU GB 14W-29-8-22	29	080S	220E	4304734554	13528	Federal
OU GB 2W-17-8-22	17	080S	220E	4304734559	13539	Federal
OU GB 7W-17-8-22	17	080S	220E	4304734560	13599	Federal
GH EXT 15W-17-8-21	17	080S	210E	4304734562	13674	Federal
OU GB 16W-18-8-22	18	080S	220E	4304734563	13559	Federal
OU GB 1W-29-8-22	29	080S	220E	4304734573	13562	Federal
OU GB 7W-29-8-22	29	080S	220E	4304734574	13564	Federal
OU GB 8W-29-8-22	29	080S	220E	4304734575	13609	Federal
OU GB 9W-29-8-22	29	080S	220E	4304734576	13551	Federal
OU GB 10W-29-8-22	29	080S	220E	4304734577	13594	Federal
OU GB 15W-29-8-22	29	080S	220E	4304734578	13569	Federal
OU GB 4W-16-8-22	16	080S	220E	4304734598	13579	State
OU GB 2W-20-8-22	20	080S	220E	4304734599	13664	Federal
OU GB 2W-29-8-22	29	080S	220E	4304734600	13691	Federal
OU GB 15W-17-8-22	17	080S	220E	4304734601	13632	Federal
OU GB 16W-17-8-22	17	080S	220E	4304734602	13639	Federal
OU GB 16W-29-8-22	29	080S	220E	4304734603	13610	Federal
OU GB 1W-20-8-22	20	080S	220E	4304734604	13612	Federal
OU GB 12W-16-8-22	16	080S	220E	4304734617	13697	State
OU GB 13W-16-8-22	16	080S	220E	4304734618	13611	State
OU GB 15W-16-8-22	16	080S	220E	4304734622	13595	State
OU GB 1W-17-8-22	17	080S	220E	4304734623	13701	Federal
OU GB 9W-17-8-22	17	080S	220E	4304734624	13663	Federal
OU GB 10W-17-8-22	17	080S	220E	4304734625	13684	Federal
OU GB 9W-20-8-22	20	080S	220E	4304734630	13637	Federal
OU GB 10W-20-8-22	20	080S	220E	4304734631	13682	Federal
OU GB 15W-20-8-22	20	080S	220E	4304734632	13616	Federal
OU WIH 13W-21-8-22	21	080S	220E	<b>4304734646</b>	13745	Federal
OU GB 13W-9-8-22	09	080S	220E	4304734654	13706	Federal
OU GB 2W-16-8-22	16	080S	220E	4304734657	13721	State
OU GB 6W-16-8-22	16	080S	220E	4304734658	13592	State
OU GB 7W-16-8-22	16	080S	220E	<b>4304734659</b>	13747	State
OU GB 14W-21-8-22	21	080S	220E	4304734664	13720	Federal
OU GB 12WX-29-8-22	29	080S	220E	4304734668	13555	Federal
OU WIH 10W-21-8-22	21	080S	220E	4304734681	13662	Federal
OU GB 3W-21-8-22	21	080S	220E	<b>4304734686</b>	13746	Federal
OU GB 16SG-30-8-22	30	080S	220E	4304734688	13593	Federal
OU WIH 7W-21-8-22	21	080S	220E	4304734689	13716	Federal
OU GB 5W-21-8-22	21	080S	220E	<b>4304734690</b>	13770	Federal
OU GB 7W-20-8-22	20	080S	220E	4304734705	13710	Federal
OU SG 10W-15-8-22	15	080S	220E	<b>4304734719</b>	13725	Federal
OU SG 9W-10-8-22	10	080S	220E	4304734783	13722	Federal

**JUL 07 2003**

3104 (932.34)WF  
Nationwide Bond ESB000024

**NOTICE**

QEP Uinta Basin, Inc.  
1050 17<sup>th</sup> Street Suite 500  
Denver, Colorado 80265

:  
:  
: Oil and Gas  
:  
: lease  
:

**Name Change Recognized**

Acceptable evidence has been filed in this office concerning the name change of Shenandoah Energy Incorporated into QEP Uinta Basin, Incorporated. QEP Uinta Basin, Incorporated is the surviving entity. This name change is recognized effective April 17, 2003.

Eastern States will notify the Minerals Management Service and all applicable Bureau of Land Management offices of the change by a copy of this notice.

If you identify other leases in which the merging entity maintain an interest, please contact this office and we will appropriately document those files with a copy of this notice.

If you have any questions, please contact Bill Forbes at 703-440-1536.

*S/ Wilbert B. Forbes*

Wilbert B. Forbes  
Land Law Examiner  
Branch of Use Authorization  
Division of Resources Planning,  
Use and Protection

bc: JFO,MMS, ES RF, 930 RF, 932.34 RF, E-932: wbf:07 /07/03:440-1536/ QEP Uinta Basin  
MFU



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155

In Reply Refer To:  
3106  
(UT-924)

July 21, 2003

### Memorandum

To: Vernal Field Office  
From: **ACTING** Chief, Branch of Minerals Adjudication  
Subject: Name Change Approval

Attached is an approved copy of the name change from BLM-Eastern States, which is recognized by the Utah State Office. We have updated our records to reflect:

The name change from Shenandoah Energy Incorporated into QEP Uinta Basin, Incorporated is effective July 23, 1999. The BLM Bond Number is ESB000024.

*Mary Higgins*  
Mary Higgins  
Acting Chief, Branch of  
Minerals Adjudication

### Enclosure

1. Eastern States Letter
2. List of leases

cc: MMS, James Sykes, PO Box 25165, M/S 357 B1, Denver CO 80225  
State of Utah, DOGM, Earlene Russell (Ste. 1210), Box 145801, SLC UT 84114  
Teresa Thompson (UT-922)  
Joe Incardine (UT-921)

RECEIVED

JUL 29 2003

DIV. OF OIL, GAS & MINING

**Exhibit of Leases**

UTSL-065342	UTU-0825	UTU-65472	UTU-74971
UTSL-065429	UTU-0826	UTU-65632	UTU-74972
UTSL-066409-A	UTU-0827	UTU-67844	UTU-75079
UTSL-066446	UTU-0828	UTU-68217	UTU-75080
UTSL-066446-A	UTU-0829	UTU-68218	UTU-75081
UTSL-066446-B	UTU-0830	UTU-68219	UTU-75082
UTSL-066791	UTU-0933	UTU-68220	UTU-75083
UTSL-069330	UTU-0971	UTU-68387	UTU-75084
UTSL-070932-A	UTU-0971-A	UTU-68620	UTU-75085
UTSL-071745	UTU-01089	UTU-69001	UTU-75086
UTSL-071963	UTU-02025	UTU-70853	UTU-75087
UTSL-071964	UTU-02030	UTU-70854	UTU-75088
UTSL-071965	UTU-02060	UTU-70855	UTU-75102
	UTU-02148	UTU-70856	UTU-75103
UTU-046	UTU-02149	UTU-71416	UTU-75116
UTU-055	UTU-02510-A	UTU-72066	UTU-75243
UTU-057	UTU-09613	UTU-72109	UTU-75503
UTU-058	UTU-09617	UTU-72118	UTU-75678
UTU-059	UTU-09809	UTU-72598	UTU-75684
UTU-080	UTU-011225-B	UTU-72634	UTU-76278
UTU-081	UTU-011226	UTU-72649	UTU-75760
UTU-082	UTU-011226-B	UTU-73182	UTU-75939
UTU-093	UTU-012457	UTU-73443	UTU-76039
UTU-0116	UTU-012457-A	UTU-73456	UTU-76482
UTU-0558	UTU-018260-A	UTU-73680	UTU-76507
UTU-0559	UTU-022158	UTU-73681	UTU-76508
UTU-0560	UTU-025960	UTU-73684	UTU-76721
UTU-0561	UTU-025962	UTU-73686	UTU-76835
UTU-0562	UTU-025963	UTU-73687	UTU-77063
UTU-0566	UTU-029649	UTU-73698	UTU-77301
UTU-0567	UTU-65471	UTU-73699	UTU-77308
UTU-0568	UTU-65472	UTU-73700	UTU-78021
UTU-0569	UTU-103144	UTU-73710	UTU-78028
UTU-0570	UTU-140740	UTU-73914	UTU-78029
UTU-0571	UTU-14219	UTU-73917	UTU-78214
UTU-0572	UTU-14639	UTU-74401	UTU-78215
UTU-0629	UTU-16551	UTU-74402	UTU-78216
UTU-0802	UTU-28652	UTU-74407	UTU-80636
UTU-0803	UTU-42050	UTU-74408	UTU-80637
UTU0804	UTU-43915	UTU-74419	UTU-80638
UTU0805	UTU-43916	UTU-74493	UTU-80639
UTU0806	UTU-43917	UTU-74494	UTU-80640
UTU0807	UTU-43918	UTU-74495	
UTU0809	UTU-56947	UTU-74496	
UTU0810	UTU-65276	UTU-74836	
UTU-0823	UTU-65404	UTU-74842	
UTU-0824	UTU-65471	UTU-74968	



# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

1594 West North Temple, Suite 1210

PO Box 145801

Salt Lake City, Utah 84114-5801

(801) 538-5340 telephone

(801) 359-3940 fax

(801) 538-7223 TTY

www.nr.utah.gov

Michael O. Leavitt  
Governor

Robert L. Morgan  
Executive Director

Lowell P. Braxton  
Division Director

September 22, 2003

Jodie Sundquist  
Shenandoah Energy, Inc.  
1050 17<sup>th</sup> St., Suite 500  
Denver, CO 80265

Subject: Notification of Sale or Transfer of Fee Lease Interest

Dear Ms. Sundquist:

The Division has processed your request for an operator change due to the merger of Shenandoah Energy, Inc. to QEP, Uintah Basin, Inc. effective February 1, 2003 for the following fee wells:

NAME	SEC	TWN	RNG	API NO
Brennan Fed 6	19	07S	21E	43-047-30109
GB 6W-25-8-21	25	08S	21E	43-047-34121
GB 7W-25-8-21	25	08S	21E	43-047-34122
GB 11W-30-8-22	30	08S	22E	43-047-34392

Utah Administrative Code Rule R649-2-10 states: "The owner of a lease shall provide notification to any person with an interest in such lease, when all or part of that interest in the lease is sold or transferred".

This letter is written to advise you of your responsibility to notify all individuals with an interest in these leases (royalty interest and working interest) of the changer. Please provide written documentation of this notification to:

Utah Royalty Owners Association  
PO Box 1292  
Roosevelt, Utah 84066

Your assistance in this matter is appreciated.

Sincerely,

Earlene Russell  
Engineering Technician

cc: Utah Royalty Owners Association

Division of Oil, Gas and Mining  
**OPERATOR CHANGE WORKSHEET**

ROUTING	
1. DJJ	
2. CDW	

Change of Operator (Well Sold)

**X - Operator Name Change/Merger**

The operator of the well(s) listed below has changed, effective:

**1/1/2007**

<b>FROM: (Old Operator):</b> N2460-QEP Uinta Basin, Inc. 1050 17th St, Suite 500 Denver, CO 80265  Phone: 1 (303) 672-6900	<b>TO: ( New Operator):</b> N5085-Questar E&P Company 1050 17th St, Suite 500 Denver, CO 80265  Phone: 1 (303) 672-6900
---	--

CA No.

Unit:

WELL NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
SEE ATTACHED LISTS				*				

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 4/19/2007
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 4/16/2007
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 1/31/2005
- a. Is the new operator registered in the State of Utah: Business Number: 764611-0143
- 5a. (R649-9-2)Waste Management Plan has been received on: IN PLACE
- 5b. Inspections of LA PA state/fee well sites complete on: n/a
- 5c. Reports current for Production/Disposition & Sundries on: n/a
- Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM 4/23/2007 BIA
- Federal and Indian Units:**  
The BLM or BIA has approved the successor of unit operator for wells listed on: 4/23/2007
- Federal and Indian Communization Agreements ("CA"):**  
The BLM or BIA has approved the operator for all wells listed within a CA on: \_\_\_\_\_
- Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: \_\_\_\_\_

**DATA ENTRY:**

- Changes entered in the **Oil and Gas Database** on: 4/30/2007 and 5/15/2007
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 4/30/2007 and 5/15/2007
- Bond information entered in RBDMS on: 4/30/2007 and 5/15/2007
- Fee/State wells attached to bond in RBDMS on: 4/30/2007 and 5/15/2007
- Injection Projects to new operator in RBDMS on: 4/30/2007 and 5/15/2007
- Receipt of Acceptance of Drilling Procedures for APD/New on: n/a

**BOND VERIFICATION:**

- Federal well(s) covered by Bond Number: ESB000024
- Indian well(s) covered by Bond Number: 799446
- a. (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number 965003033
- b. The **FORMER** operator has requested a release of liability from their bond on: n/a

**LEASE INTEREST OWNER NOTIFICATION:**

- (R649-2-10) The **NEW** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

**COMMENTS: THIS IS A COMPANY NAME CHANGE.**

SOME WELL NAMES HAVE BEEN CHANGED AS REQUESTED

Original Well Name	Well Name & No.	Q/Q	SEC	TWP	RNG	API	Entity	Lease	Well Type	Status
GB 6W-25-8-21	GB 6W-25-8-21	SENW	25	080S	210E	4304734121	13440	fee	GW	P
GB 7W-25-8-21	GB 7W-25-8-21	SWNE	25	080S	210E	4304734122	13436	fee	GW	P
GB 11W-30-8-22	<b>OU GB 11W 30 8 22</b>	NESW	30	080S	220E	4304734392	13433	fee	GW	P
UTAH STATE 1	<b>STATE 1</b>	NENE	36	070S	240E	4304715128	5878	State	GW	P
KAYE STATE 1-16	KAYE STATE 1-16	NWNW	16	100S	230E	4304730609	5395	State	GW	P
TOLL STATION ST 8-36-8-21	TOLL STATION ST 8-36-8-21	SENE	36	080S	210E	4304732724	12361	State	GW	S
GLEN BENCH ST 8A-36-8-21	<b>GB 8A 36 8 21</b>	SENE	36	080S	210E	4304733037	12377	State	GW	P
GLEN BENCH ST 6-36-8-21	<b>GB 6 36 8 21</b>	SENW	36	080S	210E	4304733038	12378	State	GW	P
GLEN BENCH ST 2-36-8-21	<b>GB 2 36 8 21</b>	NWNE	36	080S	210E	4304733252	12527	State	GW	P
GH 1W-32-8-21	GH 1W-32-8-21	NENE	32	080S	210E	4304733570	12797	State	GW	P
GH 3W-32-8-21	GH 3W-32-8-21	NENW	32	080S	210E	4304733571	12796	State	GW	P
GH 5W-32-8-21	GH 5W-32-8-21	SWNW	32	080S	210E	4304733572	12828	State	GW	P
GH 7W-32-8-21	GH 7W-32-8-21	SWNE	32	080S	210E	4304733573	12872	State	GW	P
GH 2W-32-8-21	GH 2W-32-8-21	NWNE	32	080S	210E	4304733744	13029	State	GW	P
GH 4W-32-8-21	GH 4W-32-8-21	NWNW	32	080S	210E	4304733745	13035	State	GW	P
GH 8W-32-8-21	GH 8W-32-8-21	SENE	32	080S	210E	4304733746	13030	State	GW	P
GB 3W-16-8-22	<b>OU GB 3W 16 8 22</b>	NENW	16	080S	220E	4304733751	13577	State	GW	P
GB 5W-16-8-22	<b>OU GB 5W 16 8 22</b>	SWNW	16	080S	220E	4304733752	13570	State	GW	P
GH 6W-32-8-21	GH 6W-32-8-21	SENW	32	080S	210E	4304733753	13036	State	GW	P
GB 11W-16-8-22	<b>OU GB 11W 16 8 22</b>	NESW	16	080S	220E	4304733754	13582	State	GW	P
GH 5G-32-8-21	GH 5G-32-8-21	SWNW	32	080S	210E	4304733866	13037	State	OW	P
GB 1W-36-8-21	GB 1W-36-8-21	NENE	36	080S	210E	4304733944	13439	State	GW	P
WV 7W-36-7-21	WV 7W-36-7-21	SWNE	36	070S	210E	4304734065	13334	State	GW	TA
WV 9W-36-7-21	WV 9W-36-7-21	NESE	36	070S	210E	4304734066	13331	State	GW	TA
WV 9W-16-7-21	WV 9W-16-7-21	NESE	16	070S	210E	4304734324		State	GW	LA
OU GB 4W-16-8-22	OU GB 4W-16-8-22	NWNW	16	080S	220E	4304734598	13579	State	GW	P
OU GB 10W-16-8-22	OU GB 10W-16-8-22	NWSE	16	080S	220E	4304734616		State	GW	LA
OU GB 12W-16-8-22	OU GB 12W-16-8-22	NWSW	16	080S	220E	4304734617	13697	State	GW	P
OU GB 13W-16-8-22	OU GB 13W-16-8-22	SWSW	16	080S	220E	4304734618	13611	State	GW	P
GB 14MU-16-8-22	GB 14MU-16-8-22	SESW	16	080S	220E	4304734619	14196	State	GW	P
OU GB 15W-16-8-22	OU GB 15W-16-8-22	SWSE	16	080S	220E	4304734622	13595	State	GW	P
OU GB 16W-16-8-22	OU GB 16W-16-8-22	SESE	16	080S	220E	4304734655	13815	State	GW	P
OU GB 2W-16-8-22	OU GB 2W-16-8-22	NWNE	16	080S	220E	4304734657	13721	State	GW	P
OU GB 6W-16-8-22	OU GB 6W-16-8-22	SENW	16	080S	220E	4304734658	13592	State	GW	P
OU GB 8W-16-8-22	OU GB 8W-16-8-22	SENE	16	080S	220E	4304734660	13769	State	GW	TA
OU GB 9W-16-8-22	OU GB 9W-16-8-22	NESE	16	080S	220E	4304734692		State	GW	LA
OU GB 15G-16-8-22	OU GB 15G-16-8-22	SWSE	16	080S	220E	4304734829	13777	State	OW	S
GB 7MU-36-8-21	GB 7MU-36-8-21	SWNE	36	080S	210E	4304734893	14591	State	GW	P
GB 3W-36-8-21	GB 3W-36-8-21	NENW	36	080S	210E	4304734894	13791	State	GW	P
NC 8M-32-8-22	NC 8M-32-8-22	SENE	32	080S	220E	4304734897		State	GW	LA
NC 3M-32-8-22	NC 3M-32-8-22	NENW	32	080S	220E	4304734899		State	GW	LA

Original Well Name	Well Name & No.	Q/Q	SEC	TWP	RNG	API	Entity	Lease	Well Type	Status
GB 5W-36-8-21	GB 5W-36-8-21	SWNW	36	080S	210E	4304734925	13808	State	GW	P
GB 4MU-36-8-21	GB 4MU-36-8-21	NWNW	36	080S	210E	4304734926	14589	State	GW	P
NC 11M-32-8-22	NC 11M-32-8-22	NESW	32	080S	220E	4304735040		State	GW	LA
GB 5SG-36-8-21	GB 5SG-36-8-21	SWNW	36	080S	210E	4304735155	14015	State	GW	P
SC 13ML-16-10-23	SC 13ML-16-10-23	SWSW	16	100S	230E	4304735281	14036	State	GW	P
SC 3M-16-10-23	<b>SC 3ML 16 10 23</b>	NENW	16	100S	230E	4304735282	14014	State	GW	P
SC 11ML-16-10-23	SC 11ML-16-10-23	NESW	16	100S	230E	4304735311	14035	State	GW	P
BB E 15G-16-7-21	<b>BBE 15G 16 7 21</b>	SWSE	16	070S	210E	4304735408	14070	State	OW	P
WH 13G-2-7-24	WH 13G-2-7-24	SWSW	02	070S	240E	4304735484	14176	State	GW	TA
FR 9P-36-14-19	FR 9P-36-14-19	NWSW	31	140S	200E	4304735880	14310	State	GW	S
CB 13G-36-6-20	CB 13G-36-6-20	SWSW	36	060S	200E	4304735969		State	OW	LA
WH 2G-2-7-24	WH 2G-2-7-24	NWNE	02	070S	240E	4304736259		State	GW	APD
WH 4G-2-7-24	WH 4G-2-7-24	NWNW	02	070S	240E	4304736261		State	GW	APD
FR 1P-36-14-19	FR 1P-36-14-19	NWNW	31	140S	200E	4304736300	14859	State	GW	S
WK 3ML-2-9-24	WK 3ML-2-9-24	NENW	02	090S	240E	4304736723		State	GW	APD
WK 7ML-2-9-24	WK 7ML-2-9-24	SWNE	02	090S	240E	4304736724		State	GW	APD
SC 5ML-16-10-23	SC 5ML-16-10-23	SWNW	16	100S	230E	4304736877	15125	State	GW	P
SC 12ML-16-10-23	SC 12ML-16-10-23	NWSW	16	100S	230E	4304736878	15053	State	GW	P
SC 14ML-16-10-23	SC 14ML-16-10-23	SESW	16	100S	230E	4304736908	15070	State	GW	P
SC 4ML-16-10-23	SC 4ML-16-10-23	NWNW	16	100S	230E	4304736912	15208	State	GW	P
FR 3P-36-14-19	FR 3P-36-14-19	NWNW	36	140S	190E	4304737376	15736	State	GW	DRL
BBE 9W-16-7-21	BBE 9W-16-7-21	NESE	16	070S	210E	4304737745		State	GW	APD
GB 10ML-16-8-22	GB 10ML-16-8-22	NWSE	16	080S	220E	4304737943		State	GW	APD
GB 9ML-16-8-22	GB 9ML-16-8-22	NESE	16	080S	220E	4304737944	15851	State	GW	DRL
FR 11P-36-14-19	FR 11P-36-14-19	NWSW	36	140S	190E	4304738349		State	GW	DRL
GB 4SG-36-8-21	GB 4SG-36-8-21	NWNW	36	080S	210E	4304738764		State	GW	APD
GB 7SG-36-8-21	GB 7SG-36-8-21	SWNE	36	080S	210E	4304738765		State	GW	APD

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: see attached
2. NAME OF OPERATOR: QUESTAR EXPLORATION AND PRODUCTION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: see attached
3. ADDRESS OF OPERATOR: 1050 17th Street Suite 500 CITY Denver STATE CO ZIP 80265		7. UNIT or CA AGREEMENT NAME: see attached
PHONE NUMBER: (303) 308-3068		8. WELL NAME and NUMBER: see attached
4. LOCATION OF WELL FOOTAGES AT SURFACE: attached		9. API NUMBER: attached
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		10. FIELD AND POOL, OR WILDCAT:

COUNTY: Uintah

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: 1/1/2007	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion:	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: Operator Name Change
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Effective January 1, 2007 operator of record, QEP Uinta Basin, Inc., will hereafter be known as QUESTAR EXPLORATION AND PRODUCTION COMPANY. This name change involves only an internal corporate name change and no third party change of operator is involved. The same employees will continue to be responsible for operations of the properties described on the attached list. All operations will continue to be covered by bond numbers:

Federal Bond Number: 965002976 (BLM Reference No. ESB000024)

Utah State Bond Number: 965003033

Fee Land Bond Number: 965003033

Current operator of record, QEP UINTA BASIN, INC., hereby resigns as operator of the properties as described on the attached list.

Jay B. Neese, Executive Vice President, QEP Uinta Basin, Inc.

Successor operator of record, QUESTAR EXPLORATION AND PRODUCTION COMPANY, hereby assumes all rights, duties and obligations as operator of the properties as described on the attached list

Jay B. Neese, Executive Vice President  
Questar Exploration and Production Company

NAME (PLEASE PRINT) Debra K. Stanberry TITLE Supervisor, Regulatory Affairs  
SIGNATURE DATE 3/16/2007

(This space for State use only)

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APR 19 2007

DIV. OF OIL, GAS & MINING

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL  
OIL WELL ☐ GAS WELL ☐ OTHER \_\_\_\_\_

2. NAME OF OPERATOR:  
QUESTAR EXPLORATION AND PRODUCTION COMPANY

3. ADDRESS OF OPERATOR:  
1050 17th Street Suite 500 Denver STATE CO ZIP 80265 PHONE NUMBER: (303) 308-3068

4. LOCATION OF WELL  
FOOTAGES AT SURFACE: attached

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:

5. LEASE DESIGNATION AND SERIAL NUMBER:  
see attached

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:  
see attached

7. UNIT or CA AGREEMENT NAME:  
see attached

8. WELL NAME and NUMBER:  
see attached

9. API NUMBER:  
attached

10. FIELD AND POOL, OR WILDCAT:

COUNTY: Uintah

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: 1/1/2007	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion:	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: Well Name Changes
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

PER THE ATTACHED LIST OF WELLS, QUESTAR EXPLORATION AND PRODUCTION COMPANY REQUESTS THAT THE INDIVIDUAL WELL NAMES BE UPDATED IN YOUR RECORDS.

NAME (PLEASE PRINT) Debra K. Stanberry

TITLE Supervisor, Regulatory Affairs

SIGNATURE  DATE 4/17/2007

(This space for State use only)

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APR 19 2007

DIV. OF OIL, GAS & MINING

**OPERATOR CHANGE WORKSHEET** (for state use only)

ROUTING

CDW

Change of Operator (Well Sold)

**X - Operator Name Change**

The operator of the well(s) listed below has changed, effective:

**6/14/2010****FROM: (Old Operator):**

N5085-Questar Exploration and Production Company  
1050 17th St, Suite 500  
Denver, CO 80265

Phone: 1 (303) 308-3048

**TO: ( New Operator):**

N3700-QEP Energy Company  
1050 17th St, Suite 500  
Denver, CO 80265

Phone: 1 (303) 308-3048

**CA No.****Unit:**

WELL NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
SEE ATTACHED								

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 6/28/2010
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 6/28/2010
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 6/24/2010
- Is the new operator registered in the State of Utah: Business Number: 764611-0143
- (R649-9-2) Waste Management Plan has been received on: Requested
- Inspections of LA PA state/fee well sites complete on: n/a
- Reports current for Production/Disposition & Sundries on: ok
- Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM 8/16/2010 BIA not yet
- Federal and Indian Units:**  
The BLM or BIA has approved the successor of unit operator for wells listed on: 8/16/2010
- Federal and Indian Communization Agreements ("CA"):**  
The BLM or BIA has approved the operator for all wells listed within a CA on: N/A
- Underground Injection Control ("UIC")** Division has approved UIC Form 5 Transfer of Authority to Inject, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 6/29/2010

**DATA ENTRY:**

- Changes entered in the **Oil and Gas Database** on: 6/30/2010
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 6/30/2010
- Bond information entered in RBDMS on: 6/30/2010
- Fee/State wells attached to bond in RBDMS on: 6/30/2010
- Injection Projects to new operator in RBDMS on: 6/30/2010
- Receipt of Acceptance of Drilling Procedures for APD/New on: n/a

**BOND VERIFICATION:**

- Federal well(s) covered by Bond Number: ESB000024
- Indian well(s) covered by Bond Number: 965010693
- (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number 965010695
- The **FORMER** operator has requested a release of liability from their bond on: n/a

**LEASE INTEREST OWNER NOTIFICATION:**

- (R649-2-10) The **NEW** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

**COMMENTS:**

**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1 TYPE OF WELL OIL WELL ☐ GAS WELL ☐ OTHER \_\_\_\_\_

2 NAME OF OPERATOR:  
Questar Exploration and Production Company *N5085*

3 ADDRESS OF OPERATOR:  
1050 17th Street, Suite 500 City: Denver STATE: CO ZIP: 80265 PHONE NUMBER: (303) 672-6900

4 LOCATION OF WELL  
FOOTAGES AT SURFACE: See attached

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:

5. LEASE DESIGNATION AND SERIAL NUMBER:  
See attached

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:  
See attached

7. UNIT or CA AGREEMENT NAME:  
See attached

8. WELL NAME and NUMBER:  
See attached

9. API NUMBER:  
Attached

10. FIELD AND POOL, OR WILDCAT:  
See attached

COUNTY: Attached

STATE: UTAH

11 CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: <u>6/14/2010</u>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion:	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>Operator Name Change</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12 DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Effective June 14, 2010 Questar Exploration and Production Company changed its name to QEP Energy Company. This name change involves only an internal corporate name change and no third party change of operator is involved. The same employees will continue to be responsible for operations of the properties described on the attached list. All operations will continue to be covered by bond numbers:

Federal Bond Number: 965002976 (BLM Reference No. ESB000024) *N3700*

Utah State Bond Number: ~~965003033~~

Fee Land Bond Number: ~~965003033~~ *965010695*

BIA Bond Number: ~~799446~~ *965010693*

The attached document is an all inclusive list of the wells operated by Questar Exploration and Production Company. As of June 14, 2010 QEP Energy Company assumes all rights, duties and obligations as operator of the properties as described on the list

NAME (PLEASE PRINT) Morgan Anderson

SIGNATURE

TITLE Regulatory Affairs Analyst

DATE 6/23/2010

(This space for State use only)

RECEIVED

JUN 28 2010

DIV. OF OIL, GAS & MINING

(See Instructions on Reverse Side)

APPROVED *6/30/2009*

*Earlene Russell*  
Division of Oil, Gas and Mining  
Earlene Russell, Engineering Technician

Questar Exploration Production Company (N5085) to QEP Energy Company (N3700)  
effective June 14, 2010

well_name	sec	tpw	rng	api	entity	mineral lease	type	stat	C
Wr 16G-32-10-17	32	100S	170E	4301350370		State	OW	NEW	C
STATE 1	36	070S	240E	4304715128	5878	State	GW	P	
KAYE STATE 1-16	16	100S	230E	4304730609	5395	State	GW	P	
TOLL STATION ST 8-36-8-21	36	080S	210E	4304732724	12361	State	GW	S	
GB 8A-36-8-21	36	080S	210E	4304733037	12377	State	GW	P	
GB 6-36-8-21	36	080S	210E	4304733038	12378	State	GW	P	
GB 2-36-8-21	36	080S	210E	4304733252	12527	State	GW	P	
GH 1W-32-8-21	32	080S	210E	4304733570	12797	State	GW	P	
GH 3W-32-8-21	32	080S	210E	4304733571	12796	State	GW	P	
GH 5W-32-8-21	32	080S	210E	4304733572	12828	State	GW	P	
GH 7W-32-8-21	32	080S	210E	4304733573	12872	State	GW	P	
GH 2W-32-8-21	32	080S	210E	4304733744	13029	State	GW	P	
GH 4W-32-8-21	32	080S	210E	4304733745	13035	State	GW	P	
GH 8W-32-8-21	32	080S	210E	4304733746	13030	State	GW	P	
OU GB 3W-16-8-22	16	080S	220E	4304733751	13577	State	GW	P	
OU GB 5W-16-8-22	16	080S	220E	4304733752	13570	State	GW	P	
GH 6W-32-8-21	32	080S	210E	4304733753	13036	State	GW	P	
OU GB 11W-16-8-22	16	080S	220E	4304733754	13582	State	GW	P	
GH 5G-32-8-21	32	080S	210E	4304733866	13037	State	OW	P	
GB 1W-36-8-21	36	080S	210E	4304733944	13439	State	GW	P	
WV 2W-2-8-21	02	080S	210E	4304734034	13678	State	GW	P	
GB 6W-25-8-21	25	080S	210E	4304734121	13440	Fee	GW	P	
GB 7W-25-8-21	25	080S	210E	4304734122	13436	Fee	GW	P	
WV 9W-16-7-21	16	070S	210E	4304734324		State	GW	LA	
OU GB 11W-30-8-22	30	080S	220E	4304734392	13433	Fee	GW	P	
OU GB 4W-16-8-22	16	080S	220E	4304734598	13579	State	GW	P	
OU GB 10W-16-8-22	16	080S	220E	4304734616		State	GW	LA	
OU GB 12W-16-8-22	16	080S	220E	4304734617	13697	State	GW	P	
OU GB 13W-16-8-22	16	080S	220E	4304734618	13611	State	GW	P	
GB 14MU-16-8-22	16	080S	220E	4304734619	14196	State	GW	P	
OU GB 15W-16-8-22	16	080S	220E	4304734622	13595	State	GW	P	
OU GB 16W-16-8-22	16	080S	220E	4304734655	13815	State	GW	P	
OU GB 2W-16-8-22	16	080S	220E	4304734657	13721	State	GW	P	
OU GB 6W-16-8-22	16	080S	220E	4304734658	13592	State	GW	P	
OU GB 8W-16-8-22	16	080S	220E	4304734660	13769	State	GW	TA	
OU GB 9W-16-8-22	16	080S	220E	4304734692		State	GW	LA	
OU GB 15G-16-8-22	16	080S	220E	4304734829	13777	State	OW	S	
GB 7MU-36-8-21	36	080S	210E	4304734893	14591	State	GW	P	
GB 3W-36-8-21	36	080S	210E	4304734894	13791	State	GW	P	
NC 8M-32-8-22	32	080S	220E	4304734897		State	GW	LA	
NC 3M-32-8-22	32	080S	220E	4304734899		State	GW	LA	
GB 5W-36-8-21	36	080S	210E	4304734925	13808	State	GW	P	
GB 4MU-36-8-21	36	080S	210E	4304734926	14589	State	GW	P	
NC 11M-32-8-22	32	080S	220E	4304735040		State	GW	LA	
GB 5SG-36-8-21	36	080S	210E	4304735155	14015	State	GW	P	
SC 13ML-16-10-23	16	100S	230E	4304735281	14036	State	GW	P	
SC 3ML-16-10-23	16	100S	230E	4304735282	14014	State	GW	P	
SC 11ML-16-10-23	16	100S	230E	4304735311	14035	State	GW	P	
WH 13G-2-7-24	02	070S	240E	4304735484	14176	State	D	PA	
FR 9P-36-14-19	31	140S	200E	4304735880	14310	State	GW	P	
CB 13G-36-6-20	36	060S	200E	4304735969		State	OW	LA	

Bonds: BLM = ESB000024

BIA = 956010693

State = 965010695

Questar Exploration Production Company (N5085) to QEP Energy Company (N3700)  
effective June 14, 2010

well_name	sec	twp	rng	api	entity	mineral lease	type	stat	C
WH 2G-2-7-24	02	070S	240E	4304736259		State	GW	LA	
WH 4G-2-7-24	02	070S	240E	4304736261		State	GW	LA	
FR 1P-36-14-19	31	140S	200E	4304736300	14859	State	GW	P	
WK 3ML-2-9-24	02	090S	240E	4304736723		State	GW	LA	
WK 7ML-2-9-24	02	090S	240E	4304736724		State	GW	LA	
SC 5ML-16-10-23	16	100S	230E	4304736877	15125	State	GW	P	
SC 12ML-16-10-23	16	100S	230E	4304736878	15053	State	GW	P	
SC 14ML-16-10-23	16	100S	230E	4304736908	15070	State	GW	P	
SC 4ML-16-10-23	16	100S	230E	4304736912	15208	State	GW	P	
FR 3P-36-14-19	36	140S	190E	4304737376	15736	State	GW	P	
BZ 12ML-16-8-24	16	080S	240E	4304737670		State	GW	LA	
BZ 10D-16-8-24	16	080S	240E	4304737671	15979	State	GW	S	
BZ 14ML-16-8-24	16	080S	240E	4304737672		State	GW	LA	
BBE 9W-16-7-21	16	070S	210E	4304737745		State	GW	LA	
GB 10ML-16-8-22	16	080S	220E	4304737943		State	GW	LA	
GB 9ML-16-8-22	16	080S	220E	4304737944	15851	State	GW	P	
HR 2MU-2-12-23	02	120S	230E	4304738052		State	GW	LA	
HR 3MU-2-12-23	02	120S	230E	4304738053		State	GW	LA	
HR 6MU-2-12-23	02	120S	230E	4304738054		State	GW	LA	
HR 10MU-2-12-23	02	120S	230E	4304738055	15737	State	GW	S	
HR 12MU-2-12-23	02	120S	230E	4304738056		State	GW	LA	
HR 14MU-2-12-23	02	120S	230E	4304738057		State	GW	LA	
HR 16MU-2-12-23	02	120S	230E	4304738058		State	GW	LA	
FR 11P-36-14-19	36	140S	190E	4304738349	15899	State	GW	P	
GB 4SG-36-8-21	36	080S	210E	4304738764	16142	State	GW	P	
GB 7SG-36-8-21	36	080S	210E	4304738765	16144	State	GW	P	
WF 3D-32-15-19	32	150S	190E	4304738877		State	GW	APD	C
SCS 5C-32-14-19	32	140S	190E	4304738963	16759	State	GW	P	
FR 7P-36-14-19	31	140S	200E	4304738992	15955	State	GW	P	
SCS 10C-16-15-19	16	150S	190E	4304739683	16633	State	GW	P	
FR 6P-16-14-19	16	140S	190E	4304740350		State	GW	APD	C

Bonds: BLM = ESB000024

BIA = 956010693

State = 965010695